Author Index to Volumes 24-26

Abbas, M., 26:35 Ahkee, Sunket, 24:7 Alkhuja, S., 24:15 Altwegg, M., 24:121 Arabi, Y., 24:47; 26:35 Arranz-Caso, J.A., 24:161; 26:137 Authur, R.R., 24:1 Ayers, L.W., 26:43

Badalamenti, J., 25:97 Bale, M.J., 24:109 Ballow, C.H., 24:129 Baquero, F., 26:53 Barnishan, J., 26:43 Barrett, M.S., 24:113; 25:107,147 Barry, A.L., 26:23 Bell, J., 25:9 Bellei, N., 25:65 Beyer, J., 26:73 Biedenbach, D.J., 25:47 Blanco, I., 25:143 Blevins, L., 24:31 Bonilla, H.F., 25:127; 26:17 Bottone, E.J., 26:87 Bradley, S.F., 26:17 Brookings, E.S., 24:93 Brown, S.D., 26:23 Brueggemann, A.B., 26:39 Burczak, J.D., 24:71 Burton, P.H., 25:89 Buschelman, B.J., 24:109 Buser, J., 24:121 Bush, C.A., 24:165

Campognone, P., 24:141 Cantón, R., 26:53 Caramello, P., 26:7 Carroll, K.C., 24:31 Castelo, A., 24:1 Catalano, M., 25:27 Chernowitz, A., 26:13 Chiu, C., 26:91 Choi, Y.J., 25:21 Clark, R.B., 24:145 Clarridge, J.E., 24:37 Claycomb, S., 26:13 Coffman, S., 26:63 Cohen, M.A., 25:53 Colaninno, P.M., 24:15, 155, 169 Cormican, M.G., 25:83, 107, 201 Coutant, C., 25:9 Craig, W.A., 25:213 Crane, L., 24:47

D'Amato, R.F., 24:15 Davaro, R., 24:141 de Rafael, L., 26:53 DeBin, J.A., 26:91 Denis, F., 24:25 Depetris, G., 24:65 DeRobertis, J.M., 24:105 Dillard, S.C., 24:93 Dockrell, D.H., 26:133 Doern, G.V., 24:141; 25:133, 137; 26:39 Dorigan, F.D., 24:105 Ducic, S., 24:61 Durepaire, N., 24:25

Ebrahimzadeh, A., 26:87 Eliopoulos, G.M., 25:35 Erdem, I., 26:79 Ernst, M.E., 26:125 Erwin, M.E., 24:87, 155, 169 Eto, S., 24:101 Evangelista, A., 24:145 Evans, D.G., 24:37

Fabregat, J., 24:19
Fairfax, M.R., 24:47; 26:35
Fass, R.J., 26:43
Fawson, S., 24:31
Felmingham, D., 25:169
Fenn, J.P., 24:31
Fiore, A., 24:165
Flamm, R., 24:37; 26:73
Fedorko, D.P., 26:47
Fritschel, S.J., 25:1
Fuchs, P.C., 26:23

Garau, J., 25:205 García, A., 24:19 García-Altozano, J., 24:161 Gates, K.M., 26:69 Gaunt, D.D., 26:149 George, M., 24:141; 26:91 Giger, O., 24:145 Gilchrist, M.J.R., 26:149 Gil-Vernet, S., 24:19 Goldstein, F.W., 25:191 Gomez-Herruz, P., 24:161; 26:137 Gould, J.M., 26:95 Graham, D.Y., 24:37 Granato, C., 25:65 Grüneberg, R.N., 25:169 Guerrier, M.L., 25:191

Hacek, D.M., 26:117 Hachem, C.Y., 24:37 Haggie, S.S., 26:91 Harrison, L.H., 24:1 Haugen, T.A., 25:137 Hayat, U., 24:165 Heelan, J.S., 24:65 Heidecker, C.J., 26:95 Herwaldt, L.A., 25:1 Hildred, M.V., 25:113 Hindler, J., 25:137 Hixon, D.L., 24:125; 26:69 Hochstein, L.H., 24:15 Hof, H., 25:117 Hollis, R.J., 25:1, 83; 26:63 Hong, T., 25:21 Hove, M.G.M., 25:97 Howard, W.J., 24:109 Hu, B.-S., 24:81; 26:103 Hu, H.-Y.Y., 24:71

Jankins, M., 25:133 Johnson, D.M., 24:53; 25:137 Jones, M.F., 26:133 Jones, R.N., 24:53, 87, 109, 113, 155, 169; 25: 47, 99,107, 133, 147, 153, 201; 26:99 Jotte, S., 26:13

Kapell, K., 25:123 Kashuba, A.D.M., 24:129 Kauffman, C.A., 25:127; 26:17 Khallaf, N., 24:1 Khare, S., 25:101 Kim, K., 24:15 Kimura, G., 24:101 Kinney, J., 26:63 Kish, A., 25:21 Kleemola, M., 26:141 Klepser, M.E., 26:125 Knapp, C.C., 26:29 Kocka, F.E., 24:105 Koontz, F.P., 24:109; 26:149 Korten, V., 26:79 Kretschmar, M., 25:117 Kuntz, P., 25:117

Lakey, D., 26:13
Lau, Y.-J., 24:81; 26:103
Laverdière, M., 24:61
Leckie, G.W., 24:71
Lee, H.H., 24:71
Lee, J., 26:117
Lemes, M., 25:71
Letourneau, C., 24:65
Lin, Y.-H., 26:103
Lin, Y.-L., 24:81
LiPuma, J.J., 26:95
Liu, P.Y.-F., 24:81; 26:103
Loeffelholz, M.J., 26:149
Lopez-Pizarro, V.M., 24:161
Ludwig, M.D., 26:29

Marshall, S.A., 24:155 Martín, R., 24:19 Martínez-Beltrán, J., 26:53 Martínez-Lacasa, J.T., 24:19 Martinez-Martinez, J., 24:161 Mastellone, A.J., 24:15 Mecklenburg, F.E., 24:125 Messer, S.A., 25:71 Meyer, P., 25:123 Miller, A., 24:15 Miller, L.A., 26:1 Miller, R.D., 24:7 Millesimo, M., 26:7 Millet, W., 25:21 Millichap, J., 25:15 Mirochnick, M., 24:77 Moellering, R.C., Jr., 25:35 Morris, J.G., Jr., 24:165 Mortensen, J.E., 24:145 Moser, S.A., 24:93 Muldoon, S., 24:71

Munar, M., 25:143 Murray, B.E., 26:79

Ndamuking, J., 25:21 Neubauer, J.J., 25:1 Newcomb-Gayman, P., 24:31 Nichterlein, T., 25:117 Nishimura, Y., 24:101 Niubò, J., 24:19 Nociari, M.M., 25:27 Noskin, G.A., 25:15; 26:117

O'Brien, T.F., 25:163 Olden, D., 25:9 Ostroff, S.M., 24:1

Papasian, C.J., 26:63
Park, C.H., 24:125; 26:69
Patel, R.C., 24:15
Péan, Y., 25:191
Pelton, S.I., 25:195
Pérez, J.L., 24:19
Perri, M.B., 25:127
Peterson, L.R., 25:15; 26:117
Pfaller, M.A., 24:109; 25:1, 71, 83, 107; 26:63, 125
Pierce, G., 26:39
Plouffe, J.F., 25:43
Pohlman, J.K., 26:29
Poirier, L., 24:61
Poland, G.A., 26:133

Ramer, N., 26:73 Ramirez, J.A., 24:7 Ranger-Rogez, S., 24:25 Rastawicki, W., 26:141 Räty, R., 26:141 Ray, K.A., 24:71 Reddy, T., 24:37 Reina, J., 25:143

Poppiti, Jr., R.J., 25:71

Postelnick, M., 26:117

Poupard, J.A., 26:1

Preston, K.E., 26:91

Reisberg, B.E., 26:117 Reves, R.R., 25:113 Rich, J.D., 24:77 Ristow, T.A., 25:15 Rittenhouse, S.F., 26:1 Roca, J., 24:19 Rothman, M., 26:109 Ruprai, D., 24:125

Sanchez-Atrio, A., 26:137 Savoia, D., 26:7 Scardamaglia, M., 24:15 Schuman, P., 24:47 Segal, H., 24:31 Segreti, J., 25:123 Sharp, S.E., 25:71 Shi, Z.-Y., 24:81; 26:103 Shimada, T., 24:101 Shir, J.-M., 24:81 Shortridge, V.D., 26:73 Smith, T.F., 26:133 Solé, N., 26:137 Sordelli, D.O., 25:27 Southern, P.M., Jr., 24:43 Spearman, P., 26:13 Sridharan, G., 24:1 Steinberg, D., 26:109 Steinhoff, M.C., 24:1 Stelling, J.M., 25:163 Stevens, D.A., 26:145 Stevens, J.A., 26:145 Stone, B.L., 25:113 Stosor, V., 26:117 Stratton, C., 26:13 Suarez, C.A., 25:71 Summersgill, J.T., 24:7 Szuba, M.J., 24:47

Talbot, G.H., 25:53 Tanaka, S.K., 24:37; 26:73 Tesfay, S.S., 24:105 Tevere, V.J., 24:15 Thompson, C.J., 26:149 Thornsberry, C., 25:89 Tolentino, A., 24:7 Tomita, K., 24:101 Tomiyama, H., 25:65 Torrero, M., 25:27 Torres, B.B., 25:133 Toye, B., 25:101 Tsai, H.-N., 26:103 Turnidge, J.D., 25:9

Utrup, L.J., 26:1 Uzoaru, I., 24:105

Valdezate, S., 26:53 Vandel, N.M., 24:125; 26:69 Vanderhoof, B.H., 25:89 von Graevenitz, A., 24:121

Waites, K.B., 24:93 Wanger, A., 25:201 Washington, J.A., 25:137, 183; 26:29 Wasserman, S.S., 24:165 Weiss, K., 24:61 Weitzman, S.A., 26:117 Wendt, C., 25:1 Wennersten, C.B., 25:35 Wenzel, R.P., 25:1 Wilbur, S., 24:65 Wilke, W.W., 25:107 Williams, E.C., 26:47 Wilson, M.L., 25:113 Win, K.K., 25:21 Wolfe, E.J., 26:125 Woods, G.L., 25:97 Worth, S., 24:87 Wright, A., 24:165

Yoder, S.L., 25:53 Yurack, J., 25:101

Zarins, L.T., 26:17 Zervos, M.J., 25:127 Zucca, M., 26:7

Subject Index to Volumes 24–26

Abcesses paraspinal, dapsone and, 24:77-79 biopsy, Mycobacterium tuberculosis in, 24: 16 - 17Nocardia asteroides in, 24:47-51 Acinetobacter baumanii amikacin against, 24:81-85 aminoglycosides against, 24:81-85 amoxicillin against, 24:81-85 amoxicillin/clavulanic acid against, 24: ampicillin against, 24:81-85 ampicillin/sulbactam against, 24:81-85 β-lactams against, 24:81-85 cefepime against, 24:81-85 cefotaxime against, 24:81-85 ceftazidime against, 24:81-85 ceftriaxone against, 24:81-85 cefuroxime against, 24:81-85 clavulanic acid against, 24:81-85 gentamicin against, 24:81-85 piperacillin against, 24:81-85 piperacillin/tazobactam against, 24:81-85 sulbactam against, 24:81-85 tazobactam against, 24:81-85 Acinetobacter spp., sparfloxacin against, 25: Acquired immunodeficiency syndrome (AIDS) dapsone in, 24:77-79 IVIAP test in, 25:65-69 Nocardia asteroides in, 24:47-51 Acridium ester-labeled DNA probe, for group A Streptococcus, 24:65-69 Acute antibody titers, serum specimens for, 24:7-14Acute otitis media, defining resistance and, 25:195-199 Adenosine triphsophate (ATP), intracellular, Candida spp. and, 25:117-121 Adhesin P1 antibodies, Mycoplasma pneumoniae, 26:141-143 Adrenal insufficiency, Nocardia asteroides in, 24:47-51 Adsorption, of bacteria onto experimental dental plaque, 26:109-115 Advanced age, pneumococcal osteomyelitis and, 26:137-139 Aerobic bacteria, lomefloxacin against, 24: 16-17

Aeromonas spp., sparfloxacin against, 25:53-

for Haemophilus influenzae, 24:145-153, 26:

for quinupristin/dalfopristin, 26:99-102

Agrobacterium radiobacter. See Agrobacterium

Agrobacterium tumefaciens (radiobacter), in

pregnant woman and stillborn premature

for Acinetobacter baumanii, 24:81-85

Agar dilution testing

tumefaciens

fetus, 24:43-45

against Streptococcus pneumoniae, 25:137-

AIDS. See Acquired immunodeficiency syn-Alexander Project, study of antimicrobial susceptibility of community-acquired lower respiratory tract pathogens, 25:169-181, 25:183-190 American Society of Microbiology (ASM) Task Force, on antimicrobial resistance, 25:153-161 Amikacin, against Acinetobacter baumanii, 24: Aminoglycosides, against Acinetobacter baumanii, 24:81-85 Amoxicillin against Acinetobacter baumanii, 24:81-85 antimicrobial resistance issues of the future, 25:213-217 defining resistance and, 25:195-199 quality control guidelines for, 24:87-91 Amoxicillin/clavulanate antimicrobial resistance issues of the future, 25:213-217 against Haemophilus influenzae, 26:95-98 quality control guidelines for, 24:87-91 stability in frozen microdilution PASCO MIC panels, 26:53-61, 53 Amoxicillin/clavulanic acid against Acinetobacter baumanii, 24:81-85 Alexander Project and, 25:183-190 defining resistance and, 25:195-199 Amphotericin B zygomatic bone, 24:16-17

against Haemophilus influenzae, 24:145-153 against Candida albicans osteomyelitis of against Candida (Torulopsis) glabrata, 25: 83-87 Ampicillin against Acinetobacter baumanii, 24:81-85

against Enterococcus faecium, 25:127-131 against Haemophilus influenzae, 24:145-153 against Helicobacter pylori, 24:37-41 against Staphylococcus aureus, 25:107-112

Ampicillin/sulbactam against Acinetobacter baumanii, 24:81-85 against Staphylococcus aureus, 25:107-112 Vitek GPS card susceptibility testing accuracy and, 24:109-112

amplicor Mycobacterium tuberculosis test, Roche, 24:15-17 Anaerobic bacteria, false resistance to met-

ronidazole among, 24:117-119 Anaerobic bottles, standard, Lytic/F vs., 24:

191-196

Anemia hemolytic, dapsone-induced, 24:101-103 parvovirus B19 IgG and, 26:133-135

Antibiotic medium #3, Candida spp. and, 26:125-131 Antibodies

Mycoplasma pneumoniae adhesin P1, 26:

parvovirus B19 IgG and, 26:133-135 Vibrio vulnificus capsular polysaccharide,

Antifungal panel, dried, evaluation of, 25: 77 - 81

Antigenemia assay, cytomegalovirus in, 24: 19-24

Antigens

group B streptococcal, 24:125-128 hydatid cyst, 24:205-211 Legionella spp., 24:129-139

AP-PCR. See Arbitrarily primed polymerase chain reaction

API20C agar, in Candida albicans identification, 24:31-35

Arbitrarily primed polymerase chain reaction (AP-PCR), for Pseudomonas aeruginosa, 24:179-190

Arthritis, sternoclavicular joint septic, 26:

Ascites fluid, Mycobacterium tuberculosis in, 24:16-17

ASM. See American Society of Microbiology ATP. See Adenosine triphosphate

Aureobasidium pullulans, Murex C. albicans CA50 test vs. germ tube production for identification of, 24:34-35

Automated ribotyping system for Escherichia coli, 25:1-8 for Pseudomonas aeruginosa, 25:1-8

Azalides, against Streptococcus pneumoniae, 24:113-116

Azithromycin

against Neisseria gonorrhoeae ATCC 49226, quality control guidelines for, 24:87-91

against Streptococcus pneumoniae, 24:113-

Azole, fluconazole-resistant Candida spp. and, 26:145-148

Aztreonam

against Enterobacter cloacae, 26:29-33 against Klebsiella pneumoniae, 26:29-33 against Pseudomonas aeruginosa, 26:29-33 against Serratia marcescens, 26:29-33

Bacillus cereus, glycylcyclines against, 24:53-

BacT/Alert blood culture system, CAPDassociated Penicillium peritonitis and, 25:101-106

Bactec 460 TB System, for mycobacteria, 25: 113-115

Bactec 9000 standard/F and Lytic/F blood culture media, clinical comparison of, 24:191-196

Bactec 9240 blood culture bottles, direct inoculation from, 24:109-112

Bacteroides thetaiotamicron, quinupristindalfopristin against, 25:147-149

Baltimore, Maryland, nonmeningitic pneumococcal infection in, 24:1-6

BamHI, Pseudomonas aeruginosa ribotyping and, 25:27-33

Bartels assay, for Clostridium difficile toxin B, 26:47-51

β-lactam/β-lactamase inhibitor, oxacillinresistant Staphylococcus aureus and, 24:93-100

β-lactamase inhibitors, against Streptococcus pneumoniae, 25:137-141

B-lactamases

Alexander Project and, 25:169-181, 25: 183-190

French antimicrobial resistance surveillance project and, 25:191-194

against Haemophilus influenzae, 24:145-153, 26:95-98

B-lactams

against Acinetobacter baumanii, 24:81-85 antimicrobial resistance issues of the future, 25:213-217

ciprofloxacin interactions with, 26:29-33 French antimicrobial resistance surveillance project and, 25:191-194

stability in frozen microdilution PASCO MIC panels, 26:53-61

against Streptococcus pneumoniae, 25:137-

Bilateral adrenal abcesses, Nocardia asteroides in, 24:47-51

Bioluminescence assay, intracellular ATP, Candida spp. and, 25:117-121

bioMerieux Vitek system, Enterobacteriaceae and, 25:133-135

Biopsies

Mycobacterium tuberculosis and, 24:16-17 U-test for Helicobacter pylori and, 24:61-64 Blastomyces dermatitidis, localized infection disseminated by surgery, 26:35-37

BLNAR strains, Haemophilus influenzae, 24: 145-153

Blood agar, atypical Streptococcus pyogenes growth on, 24:105-107

Blood cultures

Agrobacterium tumefaciens (radiobacter) in,

Bactec 460 TB system and, 25:113-115 CAPD-associated Penicillium peritonitis in, 25:101-106

cytomegalovirus in, 24:19-24 Gram-positive cocci in, 25:21-25 group A Streptococcus in, 24:65-69 pneumococci in, 24:1-6 Septi-Chek bottles and, 24:141-143 staphylococci in, 25:107-112

Streptococcus pneumoniae in, 24:113-116 Bone marrow aspirate, Mycobacterium tuber-

culosis in, 24:16-17 Bone marrow cultures, Bactec 460 TB system and, 25:113-115

Bone trauma, pneumococcal osteomyelitis and, 26:137-139

Bordetella parapertussis, PCR for, 24:197-200 Bordetella pertussis, PCR for, 24:197-200 Bordetella spp., sparfloxacin against, 25:53-

Brain, Nocardia asteroides in, 24:47-51

Brazil, nonmeningitic pneumococcal infec- Candida (Torulopsis) glabrata tion in, 24:1-6

Breakpoints

defining resistance and, 25:195-199 fluoroquinolone, 26:23-27

Broth microdilution testing

for Candida spp., 25:77-81, 26:145-148 for Enterobacteriaceae, 25:133-135 for Haemophilus influenzae, 24:145-153 for Helicobacter pylori, 24:37-41

levofloxacin in, 25:43-45

sanfetrinem in, 26:39-42

for Staphylococcus aureus, 25:107-112

Brucella spp.

Septi-Chek blood culture bottles for recovery of, 24:141-143

sparfloxacin against, 25:53-64

BssHII, Candida (Torulopsis) glabrata and, 25:

Cairo, Egypt, nonmeningitic pneumococcal infection in, 24:1-6

Campylobacter jejuni

ERIC-1 for, 26:103-108

polymerase chain reaction for, 26:103-108 pulsed-field gel electrophoresis for, 26: 103-108

Campylobacter spp., sparfloxacin against, 25: 53-64

Candida albicans

CHROMagar candida medium for, 24: 201-204

echinocandin B analog against, 26:125-131

fluconazole against, 25:117-112, 26:145-148

itraconazole against, 26:145-148

ketoconazole against, 26:145-148 LY 303366 against, 26:125-131

Murex C. albicans CA50 test vs. germ tube production for identification of, 24: 31 - 35

osteomyelitis of zygomatic bone, 24:16-17 Candida guillermondii, Murex C. albicans CA50 test vs. germ tube production for identification of, 24:34-35

Candida krusei

fluconazole against, 26:117-123 molecular typing for, 26:117-123

Murex C. albicans CA50 test vs. germ tube production for identification of, 24:

Candida lambica, Murex C. albicans CA50 test vs. germ tube production for identification of, 24:31-35

Candida lusitaniae, Murex C. albicans CA50 test vs. germ tube production for identification of, 24:31-35

Candida parapsilosis

fluconazole against, 26:145-148 itraconazole against, 26:145-148

ketoconazole against, 26:145-148

Murex C. albicans CA50 test vs. germ tube production for identification of, 24:

Candida pseudotropicalis, Murex C. albicans CA50 test vs. germ tube production for identification of, 24:34-35

amphotericin B against, 25:83-87

CHROMagar candida medium for, 24: 201-204

echinocandin B analog against, 26:125-131

fluconazole against, 25:83-87, 26:145-148

flucoytosine against, 25:83-87

itraconazole against, 25:83-87, 26:145-148

ketoconazole against, 26:145-148 LY 303366 against, 26:125-131

Murex C. albicans CA50 test vs. germ tube

production for identification of, 24: 34-35

strain variation in, 25:83-87

Candida tropicalis

CHROMagar candida medium for, 24: 201-204

echinocandin B analog against, 26:125-131

fluconazole against, 26:145-148

itraconazole against, 26:145-148

ketoconazole against, 26:145-148

LY 303366 against, 26:125-131 Murex C. albicans CA50 test vs. germ tube production for identification of, 24:

Candida spp.

fluconazole against, 25:117-112

Sensitre dried antifungal panel for 25:77-

CAPD. See Continuous ambulatory peritoneal dialysis

Capsular polysaccharide, Vibrio vulnificus, 24:16-17

Carbuncle, catalase-negative Staphylococcus aureus in, 24:221-223

Cardiac transplantation, dapsone and, 24: 77 - 79

Catheters, Agrobacterium tumefaciens (radiobacter) in, 24:43-45

CBTA, CAPD-associated Penicillium peritonitis and, 25:101-106

Cefaclor, against Haemophilus influenzae, 24: 145-153

Cefazolin, against Staphylococcus aureus, 25: 107-112

Cefepime

against Acinetobacter baumanii, 24:81-85 stability in frozen microdilution PASCO MIC panels, 26:53-61

Cefixime

Alexander Project and, 25:183-190 antimicrobial resistance issues of the future, 25:213-217

against Haemophilus influenzae, 26:95-98

Cefotaxime

against Acinetobacter baumanii, 24:81-85 against enterococci, 24:213-219

against Escherichia coli, 24:213-219

against Haemophilus influenzae, 24:145-153 against Klebsiella spp., 24:213-219

against Pseudomonas aeruginosa, 24:213-

against Stenotrophomonas maltophilia, 24: 213-219

against streptococci, 24:213-219

against Streptococcus pneumoniae, 25:89-95, 25:137-141

Cefpodoxime

antimicrobial resistance issues of the future, 25:213-217

against Haemophilus influenzae, 26:95–98 Cefprozil, against Haemophilus influenzae, 26: 95–98

Ceftazidime

against Acinetobacter baumanii, 24:81-85 against Enterobacter cloacae, 26:29-33

against enterococci, 24:213-219

against Escherichia coli, 24:213-219

against Klebsiella pneumoniae, 26:29–33

against Klebsiella spp., 24:213–219

against Pseudomonas aeruginosa, 24:213-219, 26:29-33

against Serratia marcescens, 26:29–33

against Stenotrophomonas maltophilia, 24: 213–219

against streptococci, 24:213–219 against *Streptococcus pneumoniae*, 25:137– 141

Ceftizoxime

against enterococci, 24:213-219

against Escherichia coli, 24:213-219

against Klebsiella spp., 24:213-219

against Pseudomonas aeruginosa, 24:213-219

against Staphylococcus aureus, 25:107–112 against Stenotrophomonas maltophilia, 24: 213–219

against streptococci, 24:213-219

against Streptococcus pneumoniae, 25:89-95, 25:137-141

Ceftriaxone

against Acinetobacter baumanii, 24:81–85 Alexander Project and, 25:183–190

defining resistance and, 25:195-199

against enterococci, 24:213-219

against Escherichia coli, 24:213-219

against Haemophilus influenzae, 24:145-153 against Klebsiella spp., 24:213-219

against Pseudomonas aeruginosa, 24:213-

against Stenotrophomonas maltophilia, 24: 213–219

against streptococci, 24:213-219

against Streptococcus pneumoniae, 25:89-95, 25:137-141

Cefuroxime

against Acinetobacter baumanii, 24:81-85 defining resistance and, 25:195-199

against Haemophilus influenzae, 24:145-153, 26:95-98

against Streptococcus pneumoniae, 25:137-141

Cellulitis aspirates, Agrobacterium tumefaciens (radiobacter) in, 24:43–45

Central intravenous catheters, Agrobacterium tumefaciens radiobacter) in, 24:43– 45

Centrifugation method, rapid culture, 24: 25-29

Cephalosporins

Alexander Project and, 25:183–190 defining resistance and, 25:195–199

against Haemophilus influenzae, 26:95–98 against Streptococcus pneumoniae, 26:23–27

Cephalosporins, broad-spectrum, against Streptococcus pneumoniae, 25:137–141

Cephalosporins, third-generation against enterococci, 24:213–219

against Escherichia coli, 24:213-219

against Klebsiella spp., 24:213-219

against Pseudomonas aeruginosa, 24:213-219

against Staphylococcus aureus, 25:107-112 against Stenotrophomonas maltophilia, 24: 213-219

against streptococci, 24:213-219

against Streptococcus pneumoniae, 25:89– 95, 25:137–141

Cephalothin

against Staphylococcus aureus, 25:107–112 Vitek GPS card susceptibility testing accuracy and, 24:109–112

Cerebrospinal fluid (CSF)

dapsone in, 24:77-79

Mycobacterium tuberculosis in, 24:16-17

Chemotherapy, against Isospora belli, 26:87–

Children

adenovirus detection in, 24:25-29

antimicrobial resistance issues of the future, 25:213-217

atypical Streptococcus pyogenes discharge from ear, 24:105–107

defining resistance and, 25:195-199

French antimicrobial resistance surveillance project and, 25:191–194

nonmeningitic pneumococcal infection in, 24:1–6

sternoclavicular joint septic arthritis with small-colony variant *Staphylococcus* aureus in, 26:13–15

vertical transmission of citrobacter koseri (diversus), 26:63-67

Chlamydia pneumoniae

ligase chain reaction DNA amplification assay for, 24:71-76

lower respiratory infection diagnosis of, 24:7-14

Chlamydia psittaci, ligase chain reaction DNA amplification assay for, 24:71– 76

Chlamydia spp., sparfloxacin against, 25:53-64

Chlamydia trachomatis, ligase chain reaction DNA amplification assay for, 24:71–

Chlamydospore agar, in Candida albicans identification, 24:31–35

Chloramphenicol

Alexander Project and, 25:169-181, 25: 183-190

against Escherichia coli, 24:173-178

against Haemophilus influenzae, 24:145–153
Chlorhexidine, bacteria adsorbed onto ex-

Chlorhexidine, bacteria adsorbed onto experimental dental plaque and, 26: 109-115

Chocolate agar, atypical Streptococcus pyogenes growth on, 24:105-107

Chocolate Mueller-Hinton agar plates, for Haemophilus influenzae, 24:145–153 Chorioamnionitis, vertical transmission of Citrobacter koseri diversus) and, 26:63– 67

CHROMagar candida medium, for Candida spp., 24:201–204

Chromatography, hydatid cyst antigens and, 24:205-211

Chronic ambulatory peritoneal dialysis (CAPD)

Penicillium peritonitis and, 25:97-99, 25: 101-106

recurrent Neisseria cinerea peritonitis and, 26:91–93

Ciprofloxacin

Alexander Project and, 25:183-190

β-lactam interactions with, 26:29-33

against Enterococcus faecalis, 26:17-21

against Enterococcus faecium, 25:127-131, 26:17-21

against Gram-negative bacilli, 25:133-135 against Gram-positive bacteria, 25:35-41

against Klebsiella pneumoniae, 25:133–135 against Serratia marcescens, 25:133–135

against Staphylococcus epidermidis, 26:43–45

against Streptococcus pneumoniae, 24:113-116, 26:23-27

Vitek GPS card susceptibility testing accuracy and, 24:109–112

Citrate utilization, thermosensitive transfer of in Escherichia coli, 24:173–178

Citrobacter diversus. See Citrobacter koseri citrobacter koseri (diversus), transmission of from mother to infant, 26:63–67

CL-329,998. See DMG-MINO

CL-331,002. See DMG-DMDOT

CL-331,928. See DMG-DMDOT

CL-344,677. See DMG-MINO

Clarithromycin

Alexander Project and, 25:183–190 against Helicobacter pylori, 24:37–41 against Streptococcus pneumoniae, 24:113– 116

Clavulanate, against Streptococcus pneumoniae, 25:137-141

Clavulanic acid, against Acinetobacter baumanii, 24:81–85

Clinafloxacin, against Streptococcus pneumoniae, 26:23-27

Clindamycin

defining resistance and, 25:195-199

against Staphylococcus epidermidis, 26:43–45

against Streptococcus pneumoniae, 25:201-204

Clonal spread, Candida krusei and, 26:117– 123

Clo-Test, for *Helicobacter pylori* in upper gastrointestinal biopsies, 24:61–64

CMV. See Cytomegalovirus

Cocarboxylase, in atypical Streptococcus pyogenes growth, 24:105–107

Cocci, glycylcyclines against, 24:53-57

Community-acquired pneumonia, management of, 25:205–211

Community hospital, Shiga-like toxin producing *E. coli* (O157 and non-O157) in, 26:69–72

Complement fixation antibody, Mycoplasma pneumoniae and, 26:141–143

Concanavalin A column, hydatid cyst antigens and, 24:205-211

Continuous ambulatory peritoneal dialysis.

See Chronic ambulatory peritoneal dialysis

Convalescent antibody titers, serum specimens for, 24:7–14

Conventional plating, for group B streptococcal antigen from vaginal specimens, 24:125–128

Corticosteroids, Candida krusei and, 26:117-123

Cotrimoxazole, against Escherichia coli, 24: 173–178

CP 99,219. See Trovafloxacin

Cross-resistance

Candida spp. and, 26:145-148 sparfloxacin and, 25:53-64

Streptococcus pneumoniae and, 24:113–116 Vibrio vulnificus capsular polysaccharide and, 24:16–17

Cryptococcus laurentii, Murex C. albicans CA50 test vs. germ tube production for identification of, 24:34–35

Cryptococcus neoformans, Murex C. albicans CA50 test vs. germ tube production for identification of, 24:34–35

CSF. See Cerebrospinal fluid

Cystic hydatid disease, serologic recognition of antigens in, 24:205-211

Cytomegalovirus (CMV)

parvovirus B19 IgG and, 26:133–135 quantitative antigenemia symptoms, 24: 19–24

Cytotoxin assays, microtiter, for Clostridium difficile toxin B, 26:47–51

Cytotoxi Test, for Clostridium difficile toxin B, 26:47–51

D0870, against *Candida* spp., 25:77–81 Dapsone

hemolytic anemia induced by, 24:101–103 against *Pneumocystis carinii* pneumonia, 24:77–79

against reactivation cerebral toxoplasmosis, 24:77–79

DAT. See Direct agglutination test

DBTA, CAPD-associated *Penicillium* peritonitis and, 25:101–106

Defining resistance, 25::195-199

Dental plaque, bacteria adsorbed onto experimental, chlorhexidine and, 26: 109–115

Diabetes, Candida albicans osteomyelitis of zygomatic bone in, 24:16–17

Dialysates, culturing of using BacT/Alert system, 25:101–106

Diarrhea

adenovirus detection in, 24:25–29 persistent, Isospora belli in, 26:87–89

DIF. See Direct Immunofluorescence assay Diphtheroids, glycylcyclines against, 24:53– 57

Direct agglutination test (DAT), for visceral leishmaniasis, 26:7–11

Direct fluorescent antibody and culture, Legionella pneumophila, 24:7–14

Direct immunofluorescence assay (DIF), for influenza A virus, 25:143–145

Direct TSA, for group B streptococcal antigen from vaginal specimens, 24:125– 128

Discrepancy testing, for group A Streptococcus, 24:65–69

Disk diffusion susceptibility testing azithromycin in, 24:87–91 cephalosporins in, 24:213–219 fusidic acid in, 25:9–13 Helicobacter pylori in, 24:37–41

levofloxacin in, 25:43–45 lomefloxacin in, 24:16–17

Staphylococcus aureus in, 24:93-100, 25: 107-112

Streptococcus pneumoniae in, 25:89–95 ticarcillin in, 24:87–91

ticarcillin/clavulanic acid in, 24:87-91

Disseminated abcesses, Nocardia asteroides in, 24:47-51

DMG-DMDOT (CL-331,002, CL-331,928), against Gram-positive spp., 24:53–57

DMG-MINO (CL-329,998, CL-344,677), against Gram-positive spp., 24:53–57

DNA amplification assay

ligase chain reaction, for Chlamydia trachomatis, 24:71–76

for lower respiratory infection, 24:7-14 DNA probe, for group A Streptococcus, 24:

65–69
Dot-blot enzyme immunoassay (EIA-DB),
for influenza A virus, 25:143–145

Doxycycline, Alexander Project and, 25:169– 181, 25:183–190

Dried antifungal panel, evaluation of, 25:77– 81

DU-6859a, against multiresistant enterococci, 26:79–859

Eagl, Candida (Torulopsis) glabrata and, 25: 83–87

Ear discharge, atypical Streptococcus pyogenes from, 24:105-107

Echinocandin B analog

against Candida albicans, 26:125–131 against Candida glabrata, 26:125–131 against Candida tropicalis, 26:125–131

Echinococcus granulosus, hydatid cyst antigens and, 24:205-211

EcoRI

Candida (Torulopsis) glabrata and, 25:83–87 Pseudomonas aeruginosa ribotyping and, 25:27–33

Egypt, nonmeningitic pneumococcal infection in, 24:1-6

EIA-DB. See Dot-blot enzyme immunoassay Electrophoresis

for Escherichia coli, 25:1-8

for hydatid cyst antigen, 24:205-211

for Pseudomonas aeruginosa 25:1–8, 24:179–190

ELISA. See Enzyme linked immunosorbent assay

Entamoeba histolytica, metronidazole against, 26:87–89

Enterobacter cloacae, ciprofloxacin/β-lactam combinations against, 26:29–33

Enterobacteriaceae

bioMerieux Vitek system and, 25:133–135 glycylcyclines against, 24:53–57 modified GNS F6 card and, 25:133–135

ofloxacin against, 25:133–135

sparfloxacin against, 25:133–135

Enterobacterial repetitive intergenic consensus (ERIC-1), for Campylobacter jejuni,

26:103–108 Enterobacter spp.

MicroScan Walkaway for, 26:1-6 Vitek Test for, 26:1-6

Enterococci

cefotaxime against, 24:213–219 ceftazidime against, 24:213–219 ceftizoxime against, 24:213–219 ceftriaxone against, 24:213–219 ciprofloxacin against, 26:17–21

glycylcyclines against, 24:53–57 levofloxacin against, 25:35–41

quinupristin-dalfopristin against, 25:147–

sparfloxacin against, 25:53-64

trovafloxacin against, 26:17-21

Enterococci, multiresistant, DU-6859a against, 26:79–859

Enterococcus casseliflavus, quinupristindalfopristin against, 24:59-60

Enterococcus faecalis

ciprofloxacin against, 26:17-21

E-test for, 25:21-25

levofloxacin against, 25:35-41

quinupristin-dalfopristin against, 24:59–60, 25:15–20

trovafloxacin against, 26:17-21

Enterococcus faecium

ciprofloxacin against, 26:17-21

E-test for, 25:21-25

levofloxacin against, 25:35-41

quinupristin-dalfopristin against, 24:59-60, 25:15-20

trovafloxacin against, 26:17-21

Enterococcus faecium, multidrug-resistant, quinupristin-dalfopristin against, 25: 127–131

Enterococcus faecium, vancomycin-resistant, glycylcyclines against, 24:53–57

Enterococcus gallinarum, quinupristindalfopristin against, 24:59-60

Enterococcus spp., vancomycin-resistant, quinupristin-dalfopristin combination against, 24:59–60

Enzyme-linked immunosorbent assay (ELISA)

in adenovirus isolation, 24:25-29

hydatid antigens in, 24:205-211

for Legionella urinary antigen, 24:129–139 for visceral leishmaniasis, 26:7–11

Epidemiological typing, of Campylobacter jejuni, 26:103–108

Epithelial cells, Clostridium difficile toxin B in 26:47–51

Epsilometer agar diffusion gradient test, for Helicobacter pylori, 24:37–41

ERIC-1. See Enterobacterial repetitive intergenic consensus ermAM, macrolide resistance in Streptococcus pneumoniae and, 26:73–783

Erythromycin

against Staphylococcus epidermidis, 26:43-45

Streptococcus pneumoniae resistance to, 24: 113–116

Escherichia coli

cefotaxime against, 24:213–219
ceftazidime against, 24:213–219
ceftizoxime against, 24:213–219
ceftriaxone against, 24:213–219
epidemiological typing of, 25:1–8
MicroScan Walkaway for, 26:1–6
Shiga-like toxin detection, 26:69–72
thermosensitive H2S-producing Cit+
plasmids from, 24:173–178
Vitek Test for, 26:1–6

E-Test

false resistance to metronidazole among anaerobic bacteria, 24:117–119

for Gram-positive cocci, 25:21-25

for Haemophilus influenzae, 24:145-153

for Helicobacter pylori, 24:37-41

for quinupristin/dalfopristin, 26:99-102

for Staphylococcus aureus, 24:93-100

for Streptococcus pneumoniae, 24:113–116, 25:201–204

European Union, Alexander Project in, 25: 169–181

Exotoxin A genotyping, Pseudomonas aeruginosa, 24:179–190

Fastidious bacteria, Septi-Chek blood culture bottles for recovery of, 24:141– 143

5-FC. See 5-Fluorocytosine

Fetal bovine sera, in Candida albicans identification, 24:31–35

Fetal Clone II, in Candida albicans identification, 24:31–35

Fetus, stillborn, Agrobacterium tumefaciens (radiobacter) in, 24:43–45

Fibroblasts

Clostridium difficile toxin B in 26:47–51 Legionella pneumophila in, 25:123–126

Fingerprint patterns, PCR, Campylobacter jejuni and, 26:103–108

Fisher's Exact Test, Clostridium difficile toxin B and, 26:47–51

Flagyl. See Metronidazole

Fleroxacin, against Streptococcus pneumoniae, 26:23–27

Fluconazole

against Candida albicans, 25:117-121, 26: 145-148

against Candida albicans osteomyelitis of zygomatic bone, 24:16–17

against Candida krusei, 26:117-123

against Candida parapsilosis, 26:145-148

against Candida spp., 25:77-81, 25:117-121, 26:145-148

against Candida (Torulopsis) glabrata, 25: 83–87, 26:145–148

against Candida tropicalis, 26:145-148

Flucytosine, against Candida (Torulopsis) glabrata, 25:83–87

Fluorochrome technique, for Mycobacterium tuberculosis, 24:16–17

5-Fluorocytosine (5-FC), against *Candida* spp., 25:77-81

Fluoroquinolones

Alexander Project and, 25:169–181, 25: 183–190

against Gram-negative bacilli, 25:133–135 against *Klebsiella* pneumoniae, 25:133–135 against multiresistant enterococci, 26:79–

against pneumococci, 26:23-27

against Serratia marcescens, 25:133–135 against Streptococcus pneumoniae, 26:23–27

5-Fluororacil (5-FU) toxicity, in Candida albicans osteomyelitis of zygomatic

bone, 24:16–17 Formalin-fixed cytospin slides, cytomegalovirus on, 24:19–24

France, Alexander Project in, 25:169–181

Francisella tularensis, Septi-Chek blood culture bottles for recovery of, 24:141–

French antimicrobial resistance surveillance project, highlights of, 25:191–194

Frozen susceptibility panels, β-lactam stability in, 26:53–61

Fructosyltransferase, cell-free, chlorhexidine adsorbed onto experimental dental plaque and, 26:109-115

5-FU. See 5-Fluororacil

Fusidic acid, against staphylococci, 25:9-13
Fusobacterium spp., quinupristindalfopristin against, 25:147-149

Future, antimicrobial resistance issues of, 25:213–217

Gamma globulin, parvovirus B19 IgG and, 26:133–135

Gardnerella spp., sparfloxacin against, 25:53–64

Gastric fluid, Mycobacterium tuberculosis in, 24:16-17

Gastroenteritis, adenovirus detection in, 24: 25–29

GC-rich sequence, polymorphic, Mycobacterium tuberculosis and, 26:149–151

Gene-specific primers, macrolide resistance in *Streptococcus pneumoniae* and, 26: 73–78

Genomic DNA

Candida krusei and, 26:117-123

vertical transmission of citrobacter koseri (diversus) and, 26:63-67

Genotyping, Pseudomonas aeruginosa ribotyping and, 24:179–190, 25:27–33

Gen-probe group A Streptococcus direct test, throat swabs and, 24:65–69

Gentamicin

against Acinetobacter baumanii, 24:81–85 against Enterococcus faecium, 25:127–131 against Staphylococcus epidermidis, 26:43– 45

Germ tubes, vs. Murex C. albicans CA50 test, 24:31–35

Glucantim, against visceral leishmaniasis, 26:7–11

Glucosyltransferase, chlorhexidine ad-

sorbed onto experimental dental plaque and, 26:109–115

Glycoproteins, hydatid cyst antigens and, 24:205–211

Glycylcyclines, against Gram-positive spp., 24:53–57

GNS F6 card, modified, Enterobacteriaceae and, 25:133–135

Gram-negative spp.

automated ribotyping system for, 25:1–8 β-lactams against, 26:29–33 cephalosporins against, 24:213–219 ciprofloxacin against, 25:133–135 fluoroquinolones against, 25:133–135 MicroScan Walkaway for, 26:1–6 ofloxacin against, 25:133–135 pulsed-field gel electrophoresis for, 25: 1–8

susceptibility discrepancies and, 26:1-6 Vitek Test for, 26:1-6

Gram-positive spp.

in carbuncle, 24:221–223 ciprofloxacin against, 25:35–41 DMG-DMDOT against, 24:53–57

DMG-MINO against, 24:53-57

E-Test for, 25:21-25

glycylcyclines against, 24:53-57

levofloxacin against, 25:35-41

minocycline against, 24:53–57 ofloxacin against, 25:35–41

d-ofloxacin against, 25:35–41

quinupristin-dalfopristin against, 25:147–149, 26:99–102

sparfloxacin against, 25:35-41

Grepafloxacin, against Streptococcus pneumoniae, 26:23–27

GV104326. See Sanfetrinem

HACEK bacilli, Septi-Chek blood culture bottles for recovery of, 24:141–143 Haemophilus influenzae

Alexander Project and, 25:169–181, 25: 183–190

amoxicillin/clavulanate against, 26:95–98 antimicrobial resistance issues of the future and 25:213–217

cefixime against, 26:95–98 cefpodoxime against, 26:95–98

cofprozil against 26:05.08

cefprozil against, 26:95-98

cefuroxime against, 26:95–98

cephalosporins against, 26:95-98

French antimicrobial resistance surveillance project and, 25:191–194

levofloxacin against, 24:155–1505

loracarbef against, 26:95–98 nontypeable susceptibility, 26:95–98

ofloxacin against, 24:155–1505 sanfetrinem against, 26:39–42

susceptibility testing for, 24:145-153

Haemophilus parainfluenzae, quinupristindalfopristin against, 25:147–149

Haemophilus spp.

lomefloxacin against, 24:16–17 sparfloxacin against, 25:53–64

Haemophilus test medium, for Haemophilus influenzae, 24:145–153

Hand contact, in Candida albicans osteomyelitis of zygomatic bone, 24:16-17 Heart transplantation, cytomegalovirus in, 24:19-24

Hektoen enteric agar, and stool cultures for Shigella spp., 24:121-124

Helicobacter pylori

ampicillin against, 24:37-41

broth microdilution for, 24:37-41

clarithromycin against, 24:37-41

disk diffusion for, 24:37-41 metronidazole against, 24:37-41

U-test for, 24:61-64

Helicobacter spp., sparfloxacin against, 25: 53-64

Hematogenous spread, penicillinintermediate-resistant pneumococcal spondylodiscitis and, 26:137-139

Hemolytic anemia, dapsone-induced, 24: 101-103

Hensenaspora spp., Murex C. albicans CA50 test vs. germ tube production for identification of, 24:34-35

Hepatitis, parvovirus B19 IgG and, 26:133-135

High-performance liquid chromatography (HPLC), dapsone and, 24:77-79

HindIII

Candida (Torulopsis) glabrata and, 25:83-87 Pseudomonas aeruginosa ribotyping and, 25:27-33

Hinfl

Candida krusei and, 26:117-123

Candida (Torulopsis) glabrata and, 25:83-87

HIV. See Human immunodeficiency virus

HIV-1. See Human immunodeficiency virus type 1

Homosexuals, seronegative, IVIAP test and, 25:65-69

HPLC. See High-performance liquid chromatography

HTM broth, for Haemophilus influenzae, 24: 145-153

Human immunodeficiency virus (HIV) Candida albicans osteomyelitis of zygomatic bone with, 24:16-17

Isospora belli and, 26:87-89

Nocardia asteroides in, 24:47-51

parvovirus B19 IgG and, 26:133-135

Human immunodeficiency virus type 1 (HIV-1), in vitro induced antibody production test for inconclusive status of, 25:65-69

Humoral immunity, parvovirus B19 IgG and, 26:133-135

Hybritech ICON, for group B streptococcal antigen from vaginal specimens, 24: 125-128

Hydatid cyst antigens, serologic recognition of, 24:205-211

Hydrogen sulfide production, cotransfer of in Escherichia coli, 24:173-178

Hydroxyapatite beads, chlorhexidine adsorbed onto experimental dental plaque and, 26:109-115

Hyperalimentation, Candida krusei and, 26: 117-123

IA-52 monoclonal antibody clone, influenza A virus and 25:143-145

IFN-y. See Interferon yIIA. See Indirect immunofluorescent aasay

ICON Strep B membrane immunoassay, for group B streptococcal antigen from vaginal specimens, 24:125-128

IgA, Mycoplasma pneumoniae adhesin P1 antibodies and, 26:141-143

IgG

Mycoplasma pneumoniae adhesin P1 antibodies and, 26:141-143

parvovirus B19, 26:133-135

IgG antibodies, reacting with Vibrio vulnificus capsular polysaccharide, 24:16-17

IgM, Mycoplasma pneumoniae adhesin P1 antibodies and, 26:141-143

IIA. See Indirect Immunofluorescent assay **Imipenem**

against Enterococcus faecium, 25:127-131 against Staphylococcus aureus, 25:107-112 stability in frozen microdilution PASCO MIC panels, 26:53-61

Immune response, in visceral leishmaniasis, 26:7-11

Immunoblot assay

hydatid antigens in, 24:205-211 Mycoplasma pneumoniae adhesin P1 antibodies and, 26:141-143

Immunocompromised individuals adenovirus in, 24:25-29

Agrobacterium tumefaciens (radiobacter) in,

Immunoglobulin, intravenous, parvovirus B19 IgG in, 26:133-135

Index of discrimination, for Pseudomonas aeruginosa lineage assessment, 24:179-180

Indirect immunofluorescence test (IFAT), for visceral leishmaniasis, 26:7-11

Indirect immunofluorescent assay (IIA), for cytomegalovirus, 24:19-24

Infants, vertical transmission of Citrobacter koseri (diversus) and, 26:63-67

Inflammation, CSF, dapsone and, 24:77-79 Influenza A virus, respiratory infections caused by, 25:143-145

Inoculum size, nontypeable Haemophilus influenzae susceptibility and, 26:95-98

Interferon y (IFN-y) titration, in visceral leishmaniasis, 26:7-11

Invertebral disk disease, penicillin-resistant, 26:137-139

In vitro induced antibody production test (IVIAP) for HIV-1, 25:65-69

IsoSensitest, of Streptococcus pneumoniae, 25: 201-204

Isospora belli

pyrimethamine against, 26:87-89 sulfadiazine against, 26:87-89

Italy, Alexander Project in, 25:169-181 Itraconazole

against Candida albicans, 26:145-148 against Candida parapsilosis, 26:145-148

against Candida spp., 25:77-81 against Candida (Torulopsis) glabrata, 25: 83-87, 26:145-148

against Candida tropicalis, 26:145-148

IFAT. See Indirect immunofluorescence test IVIAP. See In vitro induced antibody production test

JK diphtheroids, glycylcyclines against, 24:

Kaposi's sarcoma, IVIAP test and, 25:65-69 Karyotyping, Candida (Torulopsis) glabrata and, 25:83-87

Ketoconazole

against Candida albicans, 26:145-148 against Candida parapsilosis, 26:145-148 against Candida (Torulopsis) glabrata, 26:

against Candida tropicalis, 26:145-148 Kidney transplantation, cytomegalovirus in, 24:19-24

Kinyoun acid-fast technique, for Mycobacterium tuberculosis, 24:16-17

Klebsiella pneumoniae

bioMerieux Vitek system for, 25:133-135 ciprofloxacin against, 25:133-135 ciprofloxacin/B-lactam combinations

against, 26:29-33 fluoroquinolones against, 25:133-135 MicroScan Walkaway for, 26:1-6 modified GNS F6 card for, 25:133-135 ofloxacin against, 25:133-135 Vitek Test for, 26:1-6

Klebsiella spp.

cefotaxime against, 24:213-219 ceftazidime against, 24:213-219 ceftizoxime against, 24:213-219 ceftriaxone against, 24:213-219

Lactobacillus spp., quinupristin-dalfopristin against, 25:147-149

Latex agglutination agents, monovalent, 24: 1-6

Legionella pneumophila

azithromycin against, 25:123-126 erythromycin against, 25:123-126 in lower respiratory infection, 24:7-14 macrolides against, 25:123-126

Legionella pneumophila ATCC 33823 azithromycin against, 25:123-126 clarithromycin against, 25:123-126 erythromycin against, 25:123-126

Legionella pneumophila serogroup 1, urinary antigen testing and, 24:129-139

Legionella spp.

quinupristin-dalfopristin against, 25:147-149

sparfloxacin against, 25:53-64

urinary antigen testing and, 24:129-139

Leishmania infantum promastigotes, in visceral leishmaniasis, 26:7-11

Leprosy, vertebral osteomyelitis with pleurisy in, 24:101-103

Leuconostoc spp., quinupristin-dalfopristin against, 25:147-149

Leukocytes, cytomegalovirus in, 24:19-24 Levofloxacin

against Enterococcus faecalis, 25:35-41 against Enterococcus faecium, 25:35-41

against Gram-positive bacteria, 25:35-41 against Haemophilus influenzae, 24:155-160 against Moraxella catarrhalis, 24:155-160 against streptococci, 25:35-41, 25:47-51 against Streptococcus pneumoniae, 25:43-45

Ligase chain reaction DNA amplification assay, for Chlamydia trachomatis, 24:71-76

Lim broth culture method, for group B streptococcal antigen from vaginal specimens, 24:125-128

Lincosamide, against Streptococcus pneumoniae, 25:201-204

Liver biopsy, Mycobacterium tuberculosis in, 24:16-17

Liver transplantation, cytomegalovirus in, 24:19-24

Lomefloxacin, multi-center validation of proposed disk diffusion susceptibility testing interpretive criteria for, 24: 16-17

Loracarbef, against Haemophilus influenzae, 26:95-98

Lower respiratory tract infections

Alexander Project and, 25:169-181, 25: 183-190

influenza A virus in, 25:143-145

PCR on single throat swab specimen and, 24:7-14

Mycobacterium tuberculosis in, 24:16-17 Nocardia asteroides in, 24:47-51

LY 303366

against Candida albicans, 26:125-131 against Candida glabrata, 26:125-131 against Candida tropicalis, 26:125-131

Lymph node biopsy, Mycobacterium tuberculosis in, 24:16-17

Lysed horse blood, for Haemophilus influenzae, 24:145-153

Lytic/F vs. standard anaerobic bottles, 24: 191-196

MAC. See Mycobacterium avium complex MacConkey agar, with xylose, and improved specificity for stool cultures for Shigella spp., 24:121-124

Macrolides

Alexander Project and, 25:169-181, 25: 183-190

antimicrobial resistance issues of the future, 25:213-217

defining resistance and, 25:195-199

French antimicrobial resistance surveillance project and, 25:191-194

against Legionella pneumophila, 25:123-126 against Streptococcus pneumoniae, 24:113-116, 25:201-204

Macrolides-lincosamides-streptogramin B (MLS), Streptococcus pneumoniae resistance to, 26:73-78

Malar ulceration, with zygomatic candidiasic osteomyelitis, 24:16-17

Malassezia furfur, Murex C. albicans CA50 test vs. germ tube production for identification of, 24:34-35

Malignancies, Candida albicans osteomyelitis of zygomatic bone with, 24:16-17

MBCs. See Minimum bactericidal concentrations

MDCK cells, influenza A virus in, 25:143-145

mec gene, Staphylococcus aureus and, 24:93-100, 25:107–112

Meropenem

stability in frozen microdilution PASCO MIC panels, 26:53-61

against Staphylococcus aureus, 25:107-112 Methicillin, staphylococcal resistance to, 25: 35-41, 25:107-112, 26:17-21

Metronidazole (Flagyl)

against Entamoeba histolytica, 26:87-89 false resistance to among anaerobic bacteria, 24:117-119

against Helicobacter pylori, 24:37-41

Microdilution broth method

for Candida (Torulopsis) glabrata, 25:83-87 cephalosporins in, 24:213-219

Micro-Media system, for Haemophilus influenzae, 24:145-153

MicroScan MIC panels, for Staphylococcus aureus, 24:93-100

Microscan system, for Haemophilus influenzae, 24:145-153

MicroScan Walkaway, for Gram-negative bacteria, 26:1-6

Microtiter cytotoxin assays, for Clostridium difficile toxin B, 26:47-51

MICs. See Minimum inhibitory concentrations

Minimum bactericidal concentrations (MICs)

azithromycin, 25:123-126 clarithromycin, 25:123-126

erythromycin, 25:123-126 macrolide, 25:123-126

Minimum inhibitory concentrations (MICs) amikacin, 24:81-85

aminoglycoside, 24:81-85

amoxicillin, 24:81-85, 25:213-217

amoxicillin/clavulanate, 25:213-217, 26: 53-61

amoxicillin/clavulanic acid, 24:81-85 ampicillin, 24:37-41, 24:81-85, 25:107-112, 25:127-131, 25:137-141

ampicillin/sulbactam, 24:81-85, 25:107-112

antimicrobial resistance issues of the future, 25:213-217

azithromycin, 25:123-126

aztreonam, 26:29-33

β-lactam, 24:81-85, 25:137-141, 25:213-

β-lactamase inhibitor, 25:137-141

cefazolin, 25:107-112

cefepime, 24:81-85, 26:53-61

cefixime, 25:213-217

cefotaxime, 24:81-85, 25:89-95, 25:137-141 cefpodoxime, 25:213-217

ceftazidime, 24:81-85, 25:137-141, 26:29-

ceftizoxime, 25:89-95, 25:107-112, 25:137-141

ceftriaxone, 24:81-85, 25:89-95, 25:137-

cefuroxime, 24:81-85, 25:137-141

cephalosporin, 25:89-95, 25:107-112, 25: 137-141, 26:23-27

cephalothin, 25:107-112

chlorhexidine, 26:109-115

ciprofloxacin, 25:35-41, 25:127-131, 25: 133-135, 26:17-21, 26:23-27, 26:43-45

ciprofloxacin/B-lactam, 26:29-33

clarithromycin, 24:37-41, 25:123-126

clavulanate, 25:137-141

clavulanic acid, 24:81-85

clinafloxacin, 26:23-27 clindamycin, 26:43-45

D0870, 25:77-81

DMG-DMDOT, 24:53-57

DMG-MINO, 24:53-57

echinocandin B analog 26:125-131

erythromycin, 25:123-126, 26:43-45

fleroxacin, 26:23-27

fluconazole, 25:77-81

fluoroquinolone, 25:133-135, 26:23-27

fusidic acid, 25:9-13

gentamicin, 24:81-85, 25:127-131, 26:43-

glycylcycline, 24:53-57

Gram-positive cocci and, 25:21-25

grepafloxacin, 26:23-27

imipenem, 25:107-112, 25:127-131, 26:53-

itraconazole, 25:77-81

levofloxacin, 24:155-160, 25:43-45

lomefloxacin, 24:16-17

LY 303366 26:125-131

macrolide, 25:123-126, 25:213-217

meropenem, 25:107-112, 26:53-61

methicillin, 25:107-112

metronidazole, 24:37-41

minocycline, 24:53-57

novobiocin, 25:127-131 ofloxacin, 24:155-160, 25:35-41, 25:133-

135, 26:23-27 d-ofloxacin, 24:155-160, 25:35-41, 25:213-217

oxacillin, 24:93-100, 25:89-95, 25:107-112, 26:43-45

PD131628, 26:23-27

penicillin, 25:43-45, 25:89-95, 25:107-112

piperacillin, 24:81-85, 25:137-141

piperacillin/tazobactam, 24:81-85, 26:29-33, 26:53-61

quinupristin-dalfopristin, 24:59-60, 25: 15-20, 25:127-131, 25:147-149, 26:99-102

rifampin, 25:127-131

sanfetrinem, 26:39-42

sparfloxacin, 25:35-41, 26:23-27

streptogramin, 26:99-102

sulbactam, 24:81-85, 25:137-141

tazobactam, 24:81-85, 25:137-141

tetracycline, 26:43-45

ticarcillin, 25:137-141

ticarcillin/clavulanic acid, 26:29-33

trimethoprim/sufamethoxazole, 25:213-217, 26:43-45

trovafloxacin, 26:17-21, 26:23-27

Minocycline, against Gram-positive spp. 24: 53-57

MLS. See Macrolides-lincosamidesstreptogramin B3

MLS-class drugs, against Streptococcus pneumoniae, 25:201-204

Molecular typing, for Candida krusei, 26:117–123

Monoclonal antibody, against CMV pp65 antigen-24

Monoclonal antibody clone, influenza A virus and 25:143–145

Monovalent latex agglutination agents, for diagnosis of nonmeningitic pneumococcal infection, 24:1–6

MOPS. See Morpholinepropanesulfonic acid Moraxella catarrhalis

Alexander Project and, 25:169-181, 25: 183-190

French antimicrobial resistance surveillance project and, 25:191–194

levofloxacin against, 24:155–160 ofloxacin against, 24:155–160

sanfetrinem against, 26:39-42

Moraxella spp., sparfloxacin against, 25:53-

Morpholinepropanesulfonic acid (MOPS), Candida spp. and, 26:125–131

Mothers, vertical transmission of Citrobacter koseri (diversus) and, 26:63–67

MRC-5 human fetal lung fibroblast cells, *Legionella pneumophila* grown in, 25: 123–126

MRSA Crystal ID, for *Staphylococcus aureus*, 24:93–100

MRSA Screen Agar, for Staphylococcus aureus, 24:93–100

msr A, macrolide resistance in Streptococcus pneumoniae and, 26:73–783

Mueller-Hinton agar

for Haemophilus influenzae, 24:145–153 for Streptococcus pneumoniae, 24:113–116

Mueller-Hinton medium, for Streptococcus pneumoniae, 25:201–204

Muguet plaques, in Candida albicans osteomyelitis of zygomatic bone, 24:16–17

Multidrug resistance, of Acinetobacter baumanii, 24:81-85

Murex C. albicans CA50 test, vs. germ tube production for C. albicans ID, 24:31– 35

Mycobacteria

for Bactec 460 TB system, 25:113–115 Mycobacteria Growth Indicator Tube for, 25:71–75

Septicheck AFB for, 25:71-75 sparfloxacin against, 25:53-64

Mycobacteria Growth Indicator tube, vs. Septi-Chek AFB for mycobacteria, 25: 71-75

Mycobacterium avium

Mycobacteria Growth Indicator Tube for, 25:71–75

Septicheck AFB for, 25:71-75

Mycobacterium avium complex (MAC), Roche amplicor PCR test for, 24:15– 17

Mycobacterium fortuitum-chelonae complex Mycobacteria Growth Indicator Tube for, 25:71–75

Septicheck AFB for, 25:71-75

Mycobacterium genavense, for Bactec 460 TB system, 25:113–115

Mycobacterium tuberculosis

Mycobacteria Growth Indicator Tube for, 25:71–75

nonviable isolates, PCR typing of, 26:149–151, 149

Roche amplicor PCR test for, 24:15–17 Septicheck AFB for, 25:71–75

Mycoplasma pneumoniae

adhesin P1 antibodies, 26:141–143 in lower respiratory infection, 24:7–14

Mycoplasma spp., sparfloxacin against, 25: 53-64

National Committee for Clinical Laboratory Standards (NCCLS), fusidic acid susceptibility testing and, 25:9–13

National surveillance, of Streptococcus pneumoniae, 25:89–95

NCCLS. See National Committee for Clinical Laboratory Standards

Neisseria cinerea, recurrent bacterial peritonitis caused by, 26:91–93

Neisseria gonorrhoeae ATCC 49226, azithromycin against, 24:87–91

Neisseria spp.

quinupristin-dalfopristin against, 25:147–149

sparfloxacin against, 25:53-64

Neutropenia, Candida krusei and, 26:117–123 Nontypeable susceptibility, Haemophilus influenzae, 26:95–98

Not I, Candida (Torulopsis) glabrata and, 25: 83–87

Novobiocin, against Enterococcus faecium, 25: 127–131

Nucleic acid probe, for group A Streptococcus, 24:65–69

Ofloxacin

Alexander Project and, 25:183–190 against Enterobacteriaceae, 25:133–135 against Gram-negative bacilli, 25:133–135 against Gram-positive bacteria, 25:35–41 against Haemophilus influenzae, 24:155–160 against Klebsiella pneumoniae, 25:133–135 against Moraxella catarrhalis, 24:155–160 against Pseudomonas aeruginosa, 25:133–135

against Serratia marcescens, 25:133-135 against Streptococcus pneumoniae, 24:113-116, 26:23-27

d-Ofloxacin

against Gram-positive bacteria, 25:35–41 against *Haemophilus influenzae*, 24:155–160 against *Moraxella catarrhalis*, 24:155–160

OIA. See Optical ImmunoAssay Oocysts, Isospora belli, 26:87–89

Open lung biopsy, Mycobacterium tuberculosis in, 24:16-17

Optical ImmunoAssay (OIA), for group B streptococcal antigen from vaginal specimens, 24:125–128

Oral candidiasis, with zygomatic candidiasic osteomyelitis, 24:16–17

Oropharynx

Legionella spp. in, 24:7-14

penicillin-intermediate-resistant pneumo-

coccal spondylodiscitis and, 26:137-139

Osteomyelitis

pneumococcal, 26:137-139

of zygomatic bone, Candida albicans, 24: 16–17

Otitis media

and antimicrobial resistance issues of the future, 25:213–217

defining resistance and, 25:195-199

French antimicrobial resistance surveillance project and, 25:191–194

Overnight microdilution systems, for Haemophilus influenzae, 24:145–153

Oxacillin

Staphylococcus aureus resistance to, 24:93–100, 24:109–112, 25:107–112, 26:43–45 against Streptococcus pneumoniae, 25:89–95 Vitek GPS card susceptibility testing accuracy and, 24:109–112

Oxacillin agar screen plate method, Staphylococcus aureus and, 25:107–112

Oxacillin disk-diffusion test, Streptococcus pneumoniae and, 25:89–95

P1 protein, Mycoplasma pneumoniae adhesin P1 antibodies and, 26:141-143

Paraspinal abcess, dapsone against, 24:77–79

Parvovirus B19 IgG, in intravenous immunoglobulin samples, 26:133–135

PASCO frozen microdilution MIC panels, β-lactam stability in, 26:53–61

PD131628, against Streptococcus pneumoniae, 26:23–27

Pediococcus spp., quinupristin-dalfopristin against, 25:147–149

Penicillin

Alexander Project and, 25:169–181, 25: 183–190

defining resistance and, 25:195–199

French antimicrobial resistance surveillance project and, 25:191–194 pneumococcal resistance to, 25:205–211 against *Staphylococcus aureus*, 25:107–112

Streptococcus pneumoniae resistance to, 24: 113–116, 25:89–95, 25:137–141, 25: 201–204, 25:213–217, 26:137–139

Penicillin-intermediate-resistant pneumococcal spondylodiscitis, Streptococcus pneumoniae and, 26:137–139

Penicillium peritonitis, continuous ambulatory peritoneal dialysis and, 25:97– 99, 25:101–106

Peptostreptococcus spp., quinupristindalfopristin against, 25:147-149

Pericardial fluid, Mycobacterium tuberculosis in, 24:16–17

Peripheral blood lymphocytes, in visceral leishmaniasis, 26:7–11

Peripheral blood mononuclear cells, in HIV-1, IVIAP test and, 25:65–69

Peritoneal fluid, Agrobacterium tumefaciens (radiobacter) in, 24:43-45

Peritonitis

Penicillium, 25:97–99, 25:101–106 recurrent Neisseria cinerea, 26:91–93

PFGE. See Pulsed-field gel electrophoresis

Pharyngitis, streptococcal, 24:65-69

Phenotype

fluconazole-resistant *Candida* spp., 26: 145–148

mec A staphylococcal, 25:107–112 vancomycin, 25:127–131

Piperacillin

against Acinetobacter baumanii, 24:81–85 against *Streptococcus pneumoniae*, 25:137– 141

Piperacillin/tazobactam

against Acinetobacter baumanii, 24:81–85 against Enterobacter cloacae, 26:29–33 against Klebsiella pneumoniae, 26:29–33 against Pseudomonas aeruginosa, 26:29–33 quality control guidelines for, 24:87–91 against Serratia marcescens, 26:29–33 stability in frozen microdilution PASCO MIC panels, 26:53–61

Plasmids, in Escherichia coli isolate, 24:173– 178

Pleural biopsy, Mycobacterium tuberculosis in, 24:16–17

Pleural effusions, bilateral, vertebral osteomyelitis with, 24:101-103

Pleural fluid, Mycobacterium tuberculosis in, 24:16–17

Pneumococcal infection, nonmeningitic, 24: 1–6

Pneumococci

fluoroquinolones against, 26:23–27 glycylcyclines against, 24:53–57 national surveillance of, 25:89–95 penicillin resistance in, 25:205–211

Pneumocystis carinii pneumonia, dapsone against, 24:77–79

Pneumonia

community-acquired, 25:205–211 Legionella spp., 24:129–139 Pneumocystis carinii, 24:77–79

Polyclonal ELISA, for *Legionella* urinary antigen, 24:129–139

Polymerase chain reaction (PCR) for Bordetella parapertussis, 24:197–200 for Bordetella pertussis, 24:197–200 for Campylobacter jejuni, 26:103–108

for Pseudomonas aeruginosa, 24:179-190

IVIAP test and, 25:65-69

macrolide resistance in Streptococcus pneumoniae and, 26:73–783

nonviable Mycobacterium tuberculosis isolates and, 26:149–151

Roche amplicor, 24:15-17

on single throat swab specimen, for lower respiratory infection diagnosis, 24:7– 14

Polyprotein bands, hydatid cyst antigens and, 24:205-211

Polysaccharide, chlorhexidine adsorbed onto experimental dental plaque and, 26:109–115

Postdetection chemical inactivation method, ligase chain reaction and, 24:71–76 pp65 antigen, cytomegalovirus, 24:19–24

Agrobacterium tumefaciens (radiobacter) in, 24:43-45 vertical transmission of citrobacter koseri (diversus) and, 26:63–67

Prevotella spp., quinupristin-dalfopristin against, 25:147–149

Promastigotes, Leishmania infantum, 26:7-11 Proteus mirabilis

MicroScan Walkaway for, 26:1–6 Vitek Test for, 26:1–6

Protoscoleces, hydatid cyst antigens and, 24: 205–211

Prototheca wickerhamii, Murex C. albicans CA50 test vs. germ tube production for identification of, 24:34–35

Protozoa, enteric, metronidazole against, 26: 87–89

Pseudomonas aeruginosa

cefotaxime against, 24:213–219

ceftazidime against, 24:213–219 ceftizoxime against, 24:213–219

ceftriaxone against, 24:213–219

ciprofloxacin/β-lactam combinations against, 26:29-33

epidemiological typing of, 25:1–8

lineage assessment of, 24:179–190 MicroScan Walkaway for, 26:1–6

ofloxacin against, 25:133-135 ribotyping and, 25:27-33

sparfloxacin against, 25:53-64

Vitek Test for, 26:1-6

Pulmonary blastomycosis, dissemination of, 26:35–37

Pulsed-field gel electrophoresis (PFGE) for Campylobacter jejuni, 26:103–108

for Candida (Torulopsis) glabrata, 25:83–87 for Escherichia coli, 25:1–8

for Pseudomonas aeruginosa, 25:1-8

vertical transmission of citrobacter koseri (diversus) and, 26:63–67

PvuII, Pseudomonas aeruginosa ribotyping and, 25:27–33

Pyridone carboxylic acid fluoroquinolone derivative, against Streptococcus pneumoniae, 24:113–116

Pyrimethamine, against *Isospora belli*, 26:87–89

Quality control guidelines, 24:87–91 Quantitative antigenemia, cytomegalovirus,

24:19–24 Quinupristin-dalfopristin (RP-59500, Synercid)

agar dilution test for, 26:99-102 against *Bacteroides thetaiotamicron*, 25:147-

against enterococci, 24:59–60, 25:147–149 against Enterococcus faecium, 25:15–20, 25: 127–131

E-test for, 26:99-102

147-149

against Fusobacterium spp., 25:147–149 against gonococci, 25:147–149

against Gram-positive spp., 26:99-102 against Haemophilus parainfluenzae, 25:

against *Lactobacillus* spp., 25:147–149 against *Legionella* spp., 25:147–149 against *Leuconostoc* spp. 25:147–149 against meningococci, 25:147–149

against Neisseria spp., 25:147-149

against *Pediococcus* spp. 25:147–149 against *Peptostreptococcus* spp., 25:147–149 against *Prevotella* spp., 25:147–149 against staphylococci, 25:147–149 against streptococci, 25:147–149 against *Streptococcus* bovis, 25:147–149

Rapid antigen testing, for group A Streptococcus by DNA probe, 24:65–69

Rapid culture centrifugation method, for adenovirus detection in stools, 24:25– 29

Reactivation cerebral toxoplasmosis, dapsone against, 24:77–79

Receiver-operator characteristic (ROC) analysis, for ligase chain reaction DNA amplification assay, 24:71–76

Recurrent bacteremia, Nocardia asteroides in, 24:47–51

Reference agar screen test, Staphylococcus aureus and, 25:107–112

Renal abcess, Nocardia asteroides in, 24:47–51

Restriction endonuclease digests Candida krusei and, 26:117–123

Candida (Torulopsis) glabrata and, 25:83–87 Restriction enzymes

Candida (Torulopsis) glabrata and, 25:83–87 Pseudomonas aeruginosa and, 24:179–190

Restriction fragment length polymorphism (RFLP)

Neisseria cinerea, 26:91-93

Pseudomonas aeruginosa, 24:179-190

vertical transmission of citrobacter koseri (diversus) and, 26:63-67

Restriction rDNA profiles, Pseudomonas aeruginosa ribotyping and, 25:27–33

RFLP. See Restriction fragment length polymorphism

Rhodotorula spp., Murex C. albicans CA50 test vs. germ tube production for identification of, 24:33–34

RiboPrinter[®] Microbial Characterization System

for Escherichia coli, 25:1-8

for Pseudomonas aeruginosa, 25:1-8

Ribosomal operon restriction patterns, Pseudomonas aeruginosa ribotyping and, 25:27–33

Ribosomal RNA (rRNA), Streptococcus pyogenes, 24:65–69

Ribosomes, macrolide resistance in Streptococcus pneumoniae and, 26:73–783

Ribotyping

Escherichia coli, 25:1-8

Pseudomonas aeruginosa, 24:179–190, 25:1– 8, 25:27–33

vertical transmission of citrobacter koseri (diversus) and, 26:63-67

Rifampin

against Enterococcus faecium, 25:127–131 against Streptococcus pneumoniae, 25:201– 204

ROC. See Receiver-operator characteristic analysis

Roche amplicor Mycobacterium tuberculosis PCR test, for specimens other than respiratory secretions, 24:15–17 for, 24:87-91

RP-59500. See Quinupristin-dalfopristin RPMI 1640, Candida spp. and, 26:125-131 rRNA. See Ribosomal RNA

Saccharomyces cerevisiae, Murex C. albicans CA50 test vs. germ tube production for identification of, 24:34-35

Sall RFLP analysis, Pseudomonas aeruginosa, 24:179-190

Salmonella newport, in vertebral osteomyelitis with pleurisy, 24:101-103

Sanfetrinem (GV104326)

against Haemophilus influenzae, 26:39-42 against Moraxella catarrhalis, 26:39-42 against Streptococcus pneumoniae, 26:39-42

Saõ Paolo, Brazil, nonmeningitic pneumococcal infection in, 24:1-6

SDS-PAGE. See Sodium dodecyl sulfatepolyacrylamide gel electrophoresis

Sensitre dried antifungal panel, evaluation of, 25:77-81

Septic arthritis, with small-colony variant Staphylococcus aureus, 26:13-15

Septi-Chek AFB, vs. MGIT for mycobacteria, 25:71-75

Septi-Chek blood culture bottles, prolonged incubation of, 24:141-143

Septic shock, vertical transmission of Citrobacter koseri (diversus) and, 26:63-67

Seroconversion, IVIAP test and, 25:65-69 Serotypes

adenovirus, 24:25-29

Streptococcus pneumoniae, 25:43-45

Serratia marcescens

bioMerieux Vitek system and, 25:133-135 ciprofloxacin against, 25:133-135

ciprofloxacin/B-lactam combinations against, 26:29-33

fluoroquinolones against, 25:133-135 modified GNS F6 card and, 25:133-135 ofloxacin against, 25:133-135

Serum specimens, for acute and convalescent antibody titers, 24:7-14

Seventh Day Adventists, Vibrio vulnificus exposure in, 24:16-17

Sfil, Candida (Torulopsis) glabrata and, 25:83-

Sheep blood

group A Streptococcus in, 24:65-69 Streptococcus pneumoniae in, 24:113-116

Sheep blood agar, for group B streptococcal antigen from vaginal specimens, 24: 125-128

Shell-fish industry workers, Vibrio vulnificus exposure in, 24:16-17

Shell vial culture

cytomegalovirus in, 24:19-24 influenza A virus in, 25:143-145

Shiga-like toxin, producing Escherichia coli in a community hospital, 26:69-72

Shigella spp., stool cultures for, 24:121-124 Sickle-cell disease, pneumococcal osteomyelitis and, 26:137-139

Single culturette throat swabs, group A Streptococccus on, 24:65-69

Roxithromycin, quality control guidelines Skin lesions, Candida albicans osteomyelitis of zygomatic bone with, 24:16-17

Small-colony variants, of Staphylococcus aureus, 26:13-15

Smear examination, for Mycobacterium tuberculosis, 24:16-17

Sodium dodecyl sulfate-polyacrylamide gel electrophoresis (SDS-PAGE), hydatid cyst antigens and, 24:205-211

Soft tissue lesions, Candida albicans osteomyelitis of zygomatic bone with, 24:16-

Solid organ transplantation, quantitative CMV antigenemia with symptomatic infection in, 24:19-24

Spain, Alexander Project in, 25:169-181 Sparfloxacin

against Gram-positive bacteria, 25:35-41 against Streptococcus pneumoniae, 24:113-116, 26:23-27

worldwide in vitro literature, 25:53-64 Spike-back technique, for Mycobacterium tuberculosis, 24:16-17

Spondylodiscitis, penicillin-intermediateresistant pneumococcal, 26:137-139

Sputum specimens, of Mycobacterium tuberculosis, 24:15-17

Staphylococci

fusidic acid against, 25:9-13

quinupristin-dalfopristin against, 25:147-149

sparfloxacin against, 25:53-64

Staphylococci, ciprofloxacin-resistant, trovafloxacin against, 26:17-21

Staphylococci, coagulase-negative E-test for, 25:21-25

fusidic acid against, 25:9-13

mec A gene phenotype in, 25:107-112

Vitek GPS card susceptibility testing accuracy and, 24:109-112

Staphylococci, mec A, phenotypic detection of, 25:107-112

Staphylococci, oxacillin-resistant glycylcyclines against, 24:53-57 mec A gene phenotype in, 25:107-112

Staphylococci, oxacillin-susceptible, glycylcyclines against, 24:53-57

Staphylococcus aureus

ampicillin against, 25:107-112 ampicillin/sulbactam against, 25:107-112

cefazolin against, 25:107-112 ceftizoxime against, 25:107-112

cephalosporins against, 25:107-112

cephalothin against, 25:107-112 glycylcyclines against, 24:53-57

imipenem against, 25:107-112

mec A gene phenotype in, 25:107-112

meropenem against, 25:107-112 methicillin against, 25:107-112

oxacillin against, 25:107-112

penicillin against, 25:107-112 Vitek GPS card susceptibility testing for,

24:109-112

Staphylococcus aureus, catalase-negative, in carbuncle, 24:221-223

Staphylococcus aureus, multiresistant, fusidic acid against, 25:9-13

Staphylococcus aureus, oxacillin-resistant

disk diffusion testing for, 24:93-100 E-Test for, 24:93-100

MicroScan MIC panels for, 24:93-100 MRSA Crystal ID for, 24:93-100

MRSA Screen Agar for, 24:93-100 Staphylococcus aureus, small-colony variant, sternoclavicular joint septic arthritis

with, 26:13-15 Staphylococcus aureus ATCC 25923

ticarcillin against, 24:87-91

ticarcillin/clavulanic acid against, 24:87-

Staphylococcus epidermidis

ciprofloxacin against, 26:43-45

clindamycin against, 26:43-45

erythromycin against, 26:43-45 gentamicin against, 26:43-45

tetracyclin against, 26:43-45

trimethoprim/sulfamethoxazole against, 26:43-45

Staphylococcus saprophyticus, fusidic acid against, 25:9-13

Stenotrophomonas maltophilia

cefotaxime against, 24:213-219

ceftazidime against, 24:213-219

ceftizoxime against, 24:213-219

ceftriaxone against, 24:213-219 Stepwise in vitro exposure, and Enterococcus

faecium resistance to RP 59500, 25:15-

Sternoclavicular joint septic arthritis, with small-colony variant Staphylococcus aureus, 26:13-15

Stillbirth, Agrobacterium tumefaciens (radiobacter) in, 24:43-45

Stool cultures

adenovirus in, 24:25-29

Clostridium difficile toxin B in, 26:47-51

Isospora belli in, 26:87-89

Shigella spp. in, 24:121-124

Streptococci

cefotaxime against, 24:213-219

ceftazidime against, 24:213-219

ceftizoxime against, 24:213-219

ceftriaxone against, 24:213-219

levofloxacin against, 25:35-41, 25:47-51

sparfloxacin against, 25:53-64 Streptococci, \u03b3-hemolytic,

E-test for, 25:21-25

glycylcyclines against, 24:53-57

Streptococci, group A, rapid antigen testing for by DNA probe, 24:65-69

Streptococci, group B, antigen detection from vaginal specimens, 24:125-128

Streptococci, methicillin-susceptible, levofloxacin against, 25:35-41

Streptococci, nutritionally-deficient, Septi-Chek blood culture bottles for recovery of, 24:141-143

Streptococci, viridans group, E-test for:21-

Streptococcus bovis, quinupristin-dalfopristin against, 25:147-149

Streptococcus pneumoniae

Alexander Project and, 25:169-181, 25: 183-190

antimicrobial resistance issues of the future, 25:213-217

cefotaxime against, 25:89-95 ceftizoxime against, 25:89-95 ceftriaxone against, 25:89-95 cephalosporins against, 26:23-27 ciprofloxacin against, 26:23-27 clinafloxacin against, 26:23-27, 24 defining resistance and, 25:195-199 E-test for, 25:21-25 fleroxacin against, 26:23-27 fluoroquinolones against, 26:23-27 French antimicrobial resistance surveillance project and, 25:191-194 grepafloxacin against, 26:23-27 levofloxacin against, 25:43-45 macrolides against, 26:73-783 monovalent latex agglutination reagents for, 24:1-6 national surveillance of, 25:89-95 ofloxacin against, 26:23-27 oxacillin against, 25:89-95 PD131628 against, 26:23-27 penicillin against, 25:89-95 penicillin-intermediate-resistant pneumococcal spondylodiscitis and, 26:137-139 sanfetrinem against, 26:39-42 sparfloxacin against, 26:23-27 third-generation cephalosporins against, 25:89-95 trovafloxacin against, 26:23-27 Streptococcus pneumoniae, erythromycinresistant clindamycin resistance in, 25:201-204 sparfloxacin against, 24:113-116 Streptococcus pneumoniae, penicillin-resistant ampicillin against, 25:137-141 β-lactamase inhibitors against, 25:137-141 β-lactams against, 25:137-141 cefotaxime against, 25:137-141 ceftazidime against, 25:137-141 ceftizoxime against, 25:137-141 ceftriaxone against, 25:137-141 cefuroxime against, 25:137-141 cephalosporins against, 25:137-141 clavulanate against, 25:137-141 piperacillin against, 25:137-141 sulbactam against, 25:137-141 tazobactam against, 25:137-141 ticarcillin against, 25:137-141 Streptococcus pyogenes atypical, ear discharge due to, 24:105-107 rRNA of, 24:65-69 Streptococcus sobrinus, chlorhexidine adsorbed onto experimental dental plaque and, 26:109-115 Streptococcus spp., glycylcyclines against, 24:53-57 Streptogramin against Enterococcus faecium, 25:15-20 against Gram-positive spp., 26:99-102 against Streptococcus pneumoniae, 25:201-

Streptomycin, against Escherichia coli, 24:

against Acinetobacter baumanii, 24:81-85

against Streptococcus pneumoniae, 25:137-

173-178

141

Sulbactam

Synercid. See Quinupristin-dalfopristin Synergy studies, of Enterococcus faecium, 25: 127-131 Synovial fluid, Mycobacterium tuberculosis in, 24:16-17 Tachyzoites, Toxoplasma gondii, dapsone against, 24:77-79 TAFE. See Transverse alternating field gel electrophoresis Taiwan, Acinetobacter baumanni clinical isolates from, 24:81-85 **Tazobactam** against Acinetobacter baumanii, 24:81-85 against Streptococcus pneumoniae, 25:137-141 Tetracycline against Escherichia coli, 24:173-178 French antimicrobial resistance surveillance project and, 25:191-194 against Gram-positive spp., 24:53-57 against Staphylococcus epidermidis, 26:43-45 Thermosensitive transfer, in Escherichia coli isolate, 24:173-178 Thoracotomy, dissemination of pulmonary blastomycosis after, 26:35-37 Throat swab specimens group A Streptococccus on, 24:65-69 single, using PCR on, 24:7-14 ³H-Thymidine, chlorhexidine adsorbed onto experimental dental plaque and, 26:109-115 **Ticarcillin** quality control guidelines for, 24:87-91 against Staphylococcus aureus ATCC 25923, 24:87-91 against Streptococcus pneumoniae, 25:137-141 Ticarcillin/clavulanate, quality control guidelines for, 24:87-91 Ticarcillin/clavulanic acid against Enterobacter cloacae, 26:29-33 against Klebsiella pneumoniae, 26:29-33 against Pseudomonas aeruginosa, 26:29-33 against Serratia marcescens, 26:29-33 against Staphylococcus aureus ATCC 25923, 24:87-91 Timed killing kinetic studies, of ciprofloxacin/B-interactions, 26:29-33 Time-kill studies, of Enterococcus faecium, 25: 127-131 Torulopsis glabrata. See Candida glabrata Toxoplasma gondii, dapsone against, 24:77-79 Toxoplasmosis, reactivation cerebral, 24:77-Transbronchial biopsy, Mycobacterium tuberculosis in, 24:16-17 Transconjugants, in Escherichia coli isolate 24:173-178 Transplantation dapsone and, 24:77-79 solid organ, 24:19-24 Transverse alternating field gel electropho-

Sulfadiazine, against Isospora belli, 26:87-89

against Escherichia coli, 24:173-178

Susceptibility discrepancies, 26:1-6

Sulfomethoxazole

resis (TAFE), for Pseudomonas aeruginosa, 24:179-190 Trichosporon beigelii, Murex C. albicans CA50 test vs. germ tube production for identification of, 24:34-35 Trimethoprim, against Escherichia coli, 24: 173-178 Trimethoprim/sulfamethoxazole Alexander Project and, 25:169-181, 25: 183-190 antimicrobial resistance issues of the future, 25:213-217 defining resistance and, 25:195-199 against Escherichia coli, 24:173-178 French antimicrobial resistance surveillance project and, 25:191-194 against Haemophilus influenzae, 24:145-153 against Staphylococcus epidermidis, 26:43against Streptococcus pneumoniae, 25:201-204 Vitek GPS card susceptibility testing accuracy and, 24:109-112 Trovafloxacin (CP 99,219) against Enterococcus faecalis, 26:17-21 against Enterococcus faecium, 26:17-21 quality control guidelines for, 24:87-91 against Streptococcus pneumoniae, 26:23-27 Trypticase soy agar plates, group A Streptococcus on, 24:65-69 Tube culture in adenovirus isolation, 24:25-29 cytomegalovirus in, 24:19-24 Tuberculosis, clinical diagnosis of, 24:16-17 12B bottles, processed on Bactec 460 TB system, 25:113-115 U-100592, quality control guidelines for, 24: U-100766, quality control guidelines for, 24: 87-91 Ulcer biopsy, Mycobacterium tuberculosis in, 24:16-17 United States Alexander Project in, 25:169-181, 25:183-190 nonmeningitic pneumococcal infection in, Upper gastrointestinal biopsies, U-test for Helicobacter pylori in, 24:61-64 Upper respiratory tract infections French antimicrobial resistance surveillance project and, 25:191-194 recurrent Neisseria cinerea peritonitis and, 26:91-93 Urea broth-based test, for Helicobacter pylori in upper gastrointestinal biopsies, 24: 61 - 64Ureaplasma spp., sparfloxacin against, 25:

53-64

109-115

Urinary tract infections

3H-Uridine, chlorhexidine adsorbed onto

Urinary antigen, Legionella spp., 24:129-139

Chlamydia trachomatis in, 24:71-76

Agrobacterium tumefaciens (radiobacter) in,

experimental dental plaque and, 26:

Escherichia coli in, 24:173-178

Urine specimen, for Legionella pneumophila serogroup 1 antigen detection, 24:7–

U-Test, for *Helicobacter pylori* in upper gastrointestinal biopsies, 24:61–64

Vaginal specimens, group B streptococcal antigen in, 24:125–128

Vancomycin

enterococcal resistance to, 24:53-57, 25: 35-41

against Enterococcus faecium, 24:53-57, 25: 127-131

Vertebral disk disease, penicillin-resistant, 26:137–139

Vertebral osteomyelitis with pleurisy, 24: 101–103

Vertical transmission, citrobacter koseri (diversus), 26:63–67

Vibrio vulnificus, antibodies reacting with capsular polysaccharide of, 24:16–17

Visceral leishmaniasis, immune response evaluation in, 26:7–11

Vitek Haemophilus susceptibility cards, for Haemophilus influenzae, 24:145–153

Vitek GPS card susceptibility testing, using direct inoculation from Bactec 9240 blood culture bottles, 24:109–112

Vitek system

Enterobacteriaceae and, 25:133–135 for Gram-negative spp., 26:1–6

Western immunoblot assay, hydatid antigens in, 24:205–211

WHONET, in removing obstacles to full use

of information about antimicrobial resistance, 25:163–168

XTT, intracellular ATP, Candida spp. and, 25:117–121

Xylose, MacConkey agar with, and stool cultures for Shigella spp., 24:121–124

Xylose-lysine-desoxycholate agar, and stool cultures for *Shigella* spp., 24:121–124

Yeast

Murex *C. albicans* CA50 test vs. germ tube production for identification of, 24: 31–35

Zygomatic bone, Candida albicans osteomyelitis of, 24:16–17

			(Required by 39 USC 3685)
Publication Title		742 - 780 -	3. Filing Date 10/01/96
Diagnostic Mil Issue Frequency	crobiology and Infectious Disease	5. Number of Issues Published Annually	6. Annual Subscription Price
Monthly		12	\$640 Inst
Complete Mailing	Addruss of Known Office of Publication (Not printer) (Street	it, city, county, state, and ZIP+4)	Contact Persau99 Pers Mary Linser
Elecular Scien	nes loc GSS Avenue of the American NV NV	V 10010-8107	Telephone 212-633-3818
Complete Mailing	nce Inc. 655 Avenue of the Americas, NY, N Address of Headquariers or General Business Office of Pu	(Not printer)	212-033-3616
Elsevier Scien	nce Inc. 655 Avenue of the Americas, NY, N	Y 10010-5107	
Full Names and C	omorere Mailing Addresses of Publisher, Editor, and Mana-	ging Editor (Do not teave blank)	
	d complete mailing address)		
	nce Inc. 655 Avenue of the Americas, NY, N	Y 10010-5107	
	implete mailing address) nes, MD, Professor of Pathology, University of	of IA Hospitals, lows City, IA 52	242
anaging Editor (N	ame and complete making address)		
Tina Bonanno	o, Elsevier Science Inc., 600 White Plains Ro	ad, Tarrytown, NY 10591	
Owner (Do not I	wave blank. If the publication is owned by a corporation, pli- resizes of all stockholders owning or holding 1 percent or m	ve the name and address of the corpora	tion immediately followed by the wned by a corporation, give the the and address as well as those of
	save blank. If the publication is owned by a corporation, givesses of all stockholden owning or holding I percent or reasses of the molividual owners. If owners by a partmenting owner, If the publication is published by a inorprofit organiz	or other unincorporated firm, give its na- ation, give its name and address.)	ne and address as well as those of
// Name		Complete Mailing Address	
Elsevier Scie	nce inc.	SAS Augura	f the Americas
		New York NY 10010-5107	
		rese Tork NY	100.000107
Harris .			
Holding 1 Perce Other Securities	ders, Mortgagees, and Other Security Holders Owning or nt or More of Total Amount of Bonds, Mortgages, or . If none, check box	- D time	
uli Name		Complete Mailing Address	
		1500 500 30	
	subsidiary of	4520 East-W	
	subsidiary of er US Holdings	4520 East-Wi Bethesda, Mi	
Reed/Elsevi	er US Holdings	Bethesda, Mi	
Reed/Elsevii 2. Yas Status (For The purpose, fi	er US Holdings companies by nonprofit organizations authorized for this is processed, and nonprofit organizations authorized for this is processed, and nonprofit status of this organization and the or	Bethesda, Mil	20814
Reed/Elsevia 2. Yas Status (For The purpose, for the Noti Ch	er US Holdings	Bethesda, Mil special ranes) (Check one) empt status for folleral income tax purp	20814
Reed/Elsevii 2. Yas Status (For The purpose, N Has Not Ch Mas Changt 3. Published Till	er US Holdings companies by nonprofit organizations authorized to mail a nucleon, and nervorth trafus of this organization and this examples During Proceeding 12 Months. Mounts Proceeding 12 Months (Publisher must submit as	Bethesda, Mill special rates) (Check one) sergel status for federal income tax purp planation of change with this patement, 14, tapus balls for Crouteton Data &) 20814
Reed/Elsevie 2. Yas Status (For The purpose, 5, 11 Has Status Time Mas Change 3. Published Time Diagnostic I	or US Holdings companies by composit organizations authorized to mail a nection, and conjunction authorized to mail a nection, and conjung Proceeding 12 Marithus at During Proceeding 12 Marithus at During Proceeding 12 Marithus (Publisher must autimal as wince as wince as a full conjunction).	special rates) (Check one) empt status for fuderal recome tax purp status for fuderal recome tax purp status for change with this observed to the fuderal for Checkenon Data St. Vol. 25, 9.2, Aug 196) 20814
Reed/Elsevie Tax Status (For The purpose, to Hea Not Charge 13, Publishers Till Diagnostic I.	er US Holdings completion by nonprofit organizations authorised to mail a incident, and nonprofit trials of this organization and the as angued During Proceeding 12 Martina of the During Proceeding 12 Martina (Publisher must submit on a Microbiology and Infectious Disease Extent and Nature of Circulation	Bethesda, Mill special rates) (Check one) sergel status for federal income tax purp planation of change with this patement, 14, tapus balls for Crouteton Data &) 20814
Reed/Elsevie The purpose, for the purpose, for the Charge 3. Publishment Till Diagnostic I	er US Holdings completion by nonprofit organizations authorized to mail authorized authorized to the organization and the as anyes During Precision 12 Months (Publisher must submit as a Microbiology and Inflectious Disease Extent and Nature of Evaulation (Copiese (Net press run)	Bethesda, Mi special raises (Check only) empt status for folderal income tax purp plandston of change with the statement, 14. Issue Date for Circulation Date Si Vid 25, 9.2, Aug 191 Average No. Copies Each Issue During Preceding 12 Membe 1,024) 20814
Reed/Elsevie The purpose, for the purpose, for the Charge 3. Publishment Till Diagnostic I	er US Holdings completion by nonprofit organizations authorised to mail a incident, and nonprofit trials of this organization and the as angued During Proceeding 12 Martina of the During Proceeding 12 Martina (Publisher must submit on a Microbiology and Infectious Disease Extent and Nature of Circulation	Bethesda, Mi special raises (Check only) empt status for folderal income tax purp plandston of change with the statement, 14. Issue Date for Circulation Date Si Vid 25, 9.2, Aug 191 Average No. Copies Each Issue During Preceding 12 Membe 1,024	20814 1009:
Peed/Elsevil Yas Status (For The purpose, 5, 11 Has No. Chang) 3. Publishmen Till Diagnostic 15. 5.	or US Holdings completen by nonprofit organizations authorized to mail a notion, and nervorth trafus of this organization and line as anged During Proceeding 12 Months d During Proceeding 12 Months whicrobiology and Infectious Disease Extent and Nature of Circulation (Copies (Net press run) [1] Sales Through Dasters and Conters, Street Vendors, and Counter Sales (Nat mailed)	Bethesda, Millisseda, Millisseda, Millisseda, Millisseda, Millisseda, (Check one) empt status for folderal income tax purp planeton of change with this observed to Vol. 25, 9, 2, Aug. 191. Average No. Copies Each Issue During Preceding 12 Months 1,024	D 20814 DOWN Actual No. Copies of Single Iss Published Harrest to Filing On 793
Reed/Elsevil Yas Status (For The purpose, I) I has Not Ch I has Not C	er US Holdings completion by nonprofit organizations authorised to mai a notion, and nonprofit status of this organization and the as angued During Proceeding 12 Morths (Publisher must submit as d During Proceeding 12 Morths (Publisher must submit as d During Proceeding 12 Morths (Publisher must submit as d During Proceeding 12 Morths (Publisher must submit as d During 14 Morths (Publisher Morths and Return of Chaptarian) [1] Sales Through Destans and Curriers, Street Vendors, and Courfel' Sales Pilor makes) [2] Paul or Requisited Mail Submitters (Include advertiser) proof copies and exchange copies)	Sethesda, Milliand Sethesda, Milliand Sethesda, Milliand Sethesda, (Check only) empt status for finderst income tax purp planation of change with the classement, 14. Issue Data for Circulation Data Silvid S. # 2, Aug 19	Control of the Control of Control
Reed/Elsevil 2. You Stanue (For- The purpose, i. Clinica Nation 3. Publishment Tim Diagnostic I a. Total Number or Popularitie Consideration in Total Found and (Sum of 186)(1	er US Holdings completion by respectit organizations authorized to mail a section, and respect trisks of this organization and the as angued During Principles II Marinha of Charge Principles II Marinha (Malither must automated to During Principles (Malither must automated II Subject Vision (Malither Malither) (1) Sales Through Dealers and Carriers. Sinset Vendors and Courtier Sales (Not malitage) (2) Pleid or Requested Malt Subcomptions (include advertisation principles) or Requested Circulation	Sethesda, Milliand Sethesda, Milliand Sethesda, Milliand Sethesda, (Check only) empt status for finderst income tax purp planation of change with the classement, 14. Issue Data for Circulation Data Silvid S. # 2, Aug 19	D 20814 Cook Cook Cook Cook Cook Cook Cook Coo
Reed/Elsevil Tax Status (For The purpose, I) Internation Time Diagnostic I Total National Time Internation Paul analor Paul analor Total National analor Total Facility Internation Total Faci	er US Holdings completion by respectit organizations authorized to mail a section, and respect trisks of this organization and the as angued During Principles II Marinha of Charge Principles II Marinha (Malither must automated to During Principles (Malither must automated II Subject Vision (Malither Malither) (1) Sales Through Dealers and Carriers. Sinset Vendors and Courtier Sales (Not malitage) (2) Pleid or Requested Malt Subcomptions (include advertisation principles) or Requested Circulation	Sethesda, Milliand Sethesda, Milliand Sethesda, Milliand Sethesda, (Check only) empt status for finderst income tax purp planation of change with the classement, 14. Issue Data for Circulation Data Silvid S. # 2, Aug 19	Control of the Control of Control
Reed/Elsevil Tas Status (For The purpose, i. In tas Not Ch. In ta	or US Holdings companion by nonprofit organizations authorized to mail ancient, and nonprofit status of the organization and the exampled During Preceding 12 Months. (Publisher must submit on During Preceding 13 Months. (Publisher must submit on During Preceding 13 Months. (Publisher must submit on During Preceding 13 Months. (Publisher must submit on Disease) Extent and Heture of Circulation (Opples (Net press run) (1) Sales Through Desians and Carriers. Street Vendors, and Courter Dates (Net makes) (2) Paid or Peoplested Mail Submorphism (Include advertisher) prind organs and exchange opinal) or Reportated Circulation and (Solid)	Bethesda, Mi special rates) (Check one) empt status for federal recome tax purp stansion of change with this observer; 14. Issue Date for Condesson Date St. Vol 25, 9.2, Acc	D 20814 Cook Cook Cook Cook Cook Cook Cook Coo
Reed/Elsevil The Status (Form The purpose is a feet on the compose is a feet on the compose is a feet on the compose is a feet on the composition of the composition	or US Holdings completion by nonprofit organizations authorized to mail and accions, and nonprofit triskut of this organization and the assigned During Preceding 13 Months of Charles and During Preceding 13 Months (Publisher must submit as Microbiology and Infectious Disease Microbiology and Infectious Disease Essent and Nature of Classification (Oppless (Net press run) (1) Sales Through Destains and Camers, Street Vendors and Counter Sales (Net mailer). (2) Paid or Requested Mail Subscriptions (include advertisaria print organize and exchange copies) or Requested (Dischalion) and 150(CI) n by Mail primerising, and other free) n Cusside the Mail (Camers or other means)	Bethesda, Mi special raises (Check one) empt situate for federal income tax purp plandson of change with the observed. 14. Issue Date for Circulation Date St. Average No. Copies Each Issue During Preceding 12 Membe. 1,024 0 668 668 207	D 20814 Color Copies of Single Iss Published Research to Frings Color Sol
Reed/Elsevil The Status (Form The purpose is a feet on the compose is a feet on the compose is a feet on the compose is a feet on the composition of the composition	or US Holdings completion by reoprofit organizations authorised to mail announce, and nervisols trislus of this organization and he as organization and he as organization and he as organization and the as organization and the organization (Authority Completion of Long Processing 12 Morrins (Authority Completion of Long Processing 12 Morrins (Authority Completion (Authori	Bethesda, Mi special rales) (Check one) empt status for federal recome tax purp stansion of change with this observer. 14. Issue Date for Condesson Date St. Vol 25, 9.2, Acq 25, 9.2 Average No. Copies Each Issue During Preceding 13 Memble 1,024 0 668 668 207 0 39	D 20814 Coses Actual No. Copies of Single Iss Actual No. Copies
Reed/Elsevil The Stance /For- The purpose, is Indicated to the purpose, is Indicated to the purpose, is Indicated to the purpose of the purp	or US Holdings completion by nonprofit organizations authorized to mail and accions, and nonprofit triskut of this organization and the assigned During Preceding 13 Months of Charles and During Preceding 13 Months (Publisher must submit as Microbiology and Infectious Disease Microbiology and Infectious Disease Essent and Nature of Classification (Oppless (Net press run) (1) Sales Through Destains and Camers, Street Vendors and Counter Sales (Net mailer). (2) Paid or Requested Mail Subscriptions (include advertisaria print organize and exchange copies) or Requested (Dischalion) and 150(CI) n by Mail primerising, and other free) n Cusside the Mail (Camers or other means)	Bethesda, Mi special rales) (Check one) empt status for federal recome tax purp stansion of change with this observer. 14. Issue Date for Condesson Date St. Vol 25, 9.2, Acq 25, 9.2 Average No. Copies Each Issue During Preceding 13 Memble 1,024 0 668 668 207 0 39	D 20814 Actual No. Copies of Single las Published Research to Friing Da 791 0 501 501 302
Reed/Elsevil The Status (For The purpose, i. Class Nature (For The purpose, i. Class Nature (For The purpose), i. Class Nature (For The purpose), i. Class Nature (For The purpose) (For Consideration (For The purpose), i. Class Nature (For Consideration (For The Constitution (For Consideration (For Consideration (For Constitution (For Constit	or US Holdings completion by reoprofit organizations authorised to mail announce, and nervisols trislus of this organization and he as organization and he as organization and he as organization and the as organization and the organization (Authority Completion of Long Processing 12 Morrins (Authority Completion of Long Processing 12 Morrins (Authority Completion (Authori	Sethesda, Milliand Sethesda, Milliand Sethesda, Milliand Sethesda, Check only empt status for folderal income tax purposension of change with the observed. 14. Issue Date for Circulation Date Sethesday Sethesday 12 Membe. 1,024 0 668 668 207 0 39	CONTROL OF THE PROPERTY OF T
Reed/Elsevil The Status (For The purpose, i. Class Nature (For The purpose, i. Class Nature (For The purpose), i. Class Nature (For The purpose), i. Class Nature (For The purpose) (For Consideration (For The purpose), i. Class Nature (For Consideration (For The Constitution (For Consideration (For Consideration (For Constitution (For Constit	or US Holdings completion by nonprofit organizations authorized to mail ancient, and nonprofit triskut of this organization and the assigned During Preceding 13 Months of the organization and the assigned During Preceding 13 Months (Publisher must submit as discussion of During Preceding 13 Months (Publisher must submit as Microbiology and Infectious Disease Estent and Halture of Classification (Copies (Net press run) (1) Sales Through Destairs and Camers, Street Vandors and Counter Sales (Net mailer) (1) Sales Through Destairs and Camers, Street Vandors and Counter Sales (Net mailer) (2) Paid or Requested Mail Submorptions (include adversaria profit organize and exchange express) or Requested (Circulation) and 150(CI) on Quality of 150 and 150) (1) Office Use, Latiovers, Spolled	Bethesda, Mi special raises (Check one) empt status for federal income tax purp standaron of change with the observance 14. Issue Date for Circulation Date St. Vol 25, 9 2, Aug 191 Average No. Copies Each issue During Proceeding 12 Memba 1,024 0 668 668 207 0 39 707	D 20814 Chap: Actual No. Copies of Single Iss Published Nearest to Filing Dar 791 0 501 501 302 0 302 703 90
Reed/Elsevil The Status (For The purpose, i. Class Nature (For The purpose, i. Class Nature (For The purpose), i. Class Nature (For The purpose), i. Class Nature (For The purpose) (For Consideration (For The purpose), i. Class Nature (For Consideration (For The Constitution (For Consideration (For Consideration (For Constitution (For Constit	or US Holdings completion by nonprofit organizations authorised to mail anciens, and nonprofit trishul of this organization and the as angued During Proceeding 12 Martina (Publisher must submit on dibung Proceeding 12 Martina (Publisher must submit on Microbiology and Infectious Disease Esternt and Nature of Chroulation (Copies (first press run) [11] Sales Through Dealers and Conters, Street Vandors, and Counter Sales (Nat muster) [2] Paid or Requested Mad Subscriptions (include arthrosper profit organs and exchange copies) in the Mada (Comment or other means) in Outside the Mati (Curriers or other means) busion (Sum of 150 and 150)	Sethesda, Milliand Sethesda, Milliand Sethesda, Milliand Sethesda, Check only empt status for folderal income tax purposension of change with the observed. 14. Issue Date for Circulation Date Sethesday Sethesday 12 Membe. 1,024 0 668 668 207 0 39	CONTROL OF THE PROPERTY OF T
Reed/Elsevil You Stanue /For- The purpose, it If the New York In the Stanue /For- The purpose, it If the New York In the Stanue /For- In the Charge In the	or US Holdings completion by reoprofit organizations authorised to mail announce, and nemotificities of this organization authorised to mail announce, and nemotificities of this organization and the exemple flowing Proceeding 12 Morrise (featibles must submit as Microbiology and Infectious Disease Extent and Nature of Circulation (Copies (Net press run) (1) Sales Through Desires and Carriers, Street Vendors, and Counter laises (Net makes) (2) Pale or Requested 449 Subcomptions (include advantace) proof copies and exchange copies) or Requested Circulation Int (Mail or Requested Circulation or the Mail (Completions or Completions) or Desirate the Mail (Carriers or other means) button (Sum of 15d and 15d) (1) Office Use, Lettovers, Spoiled (2) Returns from News Apenta	Bethesda, Mi special raises (Check one) empt status for federal income tax purp standaron of change with the observance 14. Issue Date for Circulation Date St. Vol 25, 9 2, Aug 191 Average No. Copies Each issue During Proceeding 12 Memba 1,024 0 668 668 207 0 39 707	D 20814 Chap: Actual No. Copies of Single Ist Published Nearest to Pring Da 793 0 501 501 302 0 302 703 90
Reed/Elsevil 2. You Stanue /For- The purposes, it — rises Net Co. — rises Net analysis — r	or US Holdings completion by reoprofit organizations authorised to mail announce, and nemotods trains of this organization authorised to mail announce, and nemotods trains of this organization and the exemple flowing Proceeding 12 Morrins (floationer must submit on the completion of During Proceding 12 Morrins (floationer must submit on the completion of During Proceding 13 Morrins (floationer must submit of Durings (Net press run) (1) Sales Through Desires and Carriers, Street Vendors, and Courter Sales (Net realist) (2) Pale or Requested 445 Submitted (includes advertised proof copies and exchange copies) or Requested Circulation (and 15 Most) or Desires the Mail (Carriers or other means) toution (Sum of 15d and 15d) (1) Office Use, Lettovers, Spoiled (2) Returns from News Apenta Sp. 15h(1), and 15h(2)	Bethesda, Mi special rates) (Check one) empt status for federal recome tax purp planation of change with this observant. 14. Issue Date for Condesson Date St. Vol 25, 9.2, Aug. 19. Average No. Copies Each Issue During Preceding 13 Memble 1,024 0 668 668 207 0 39 707 317	7 20814 Actual No. Copies of Single las Published Nacreat to Friing De 793 0 501 501 302 0 303 703 90
Reed/Elsevil The Status (For The purpose, In Interpreted Interpretable	or US Holdings completion by nonprofit organizations authorized to mail and noncons, and nonprofit status of this organization authorized to mail and noncons, and nonprofit status of this organization and the six plants of the profit of th	Bethesda, Mi special raises (Check one) empt status for federal income tax purp standaron of change with the observed. 14. Issue Date for Circulation Date St. Average No. Copies Each Issue During Preceding 12 Membe. 1,024 0 668 668 207 0 39 707 317 0 1,024 94,4856	7 20814 100at: Actual No. Copies of Single Iss Published Names to Filing De 793 0 501 501 202 0 302 703 90 0 793
Reed/Elsevil The Status (For The purpose I, I has been to Co. The purpose I, I had been to Co. The purpose I, I had been to Co. The purpose I in the Co. The purpose I in the I had been to Co. The C	or US Holdings completion by recognit organizations authorized to mail and content, and removals relate of this organization authorized to mail and content, and removals relate of this organization and the single-content of the single-content of the content of	Bethesda, Mi special raises (Check one) empt status for foderal income tax purp planation of change with the statement, 14. Issue Data for Circulation Data B Vol. 25, # 2, Aug 191 Average No. Copies Each Issue During Preceding 12 Membe 1,024 668 668 207 0 39 707 317	7 20814 100at: Actual No. Copies of Single Iss Published Names to Filing De 793 0 501 501 202 0 302 703 90 0 793

